

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT  
Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): December 20, 2021

**ADMA BIOLOGICS, INC.**

(Exact Name of Registrant as Specified in its Charter)

Delaware  
(State or Other Juris-  
diction of Incorporation)

465 State Route 17  
Ramsey, New Jersey  
(Address of Principal Executive Offices)

001-36728  
(Commission  
File Number)

56-2590442  
(IRS Employer  
Identification No.)

07446  
(Zip Code)

Registrant's telephone number, including area code: (201) 478-5552

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions *see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.0001 par value	ADMA	Nasdaq Global Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

### Item 1.01. Entry into a Material Definitive Agreement.

On December 20, 2021, the Board of Directors (the “Board”) of ADMA Biologics, Inc., a Delaware corporation (the “Company”), approved and adopted a Rights Agreement, dated as of December 20, 2021 (the “Rights Agreement”), by and between the Company and Continental Stock Transfer and Trust Company, as rights agent. Pursuant to the Rights Agreement, the Board declared a dividend of one preferred share purchase right (each, a “Right”) for each outstanding share of common stock, par value \$0.0001, of the Company (each, a “Common Share” and, collectively, the “Common Shares”). The Rights are distributable to stockholders of record as of the close of business on December 30, 2021 (the “Record Date”). One Right also will be issued together with each Common Share issued by the Company after December 30, 2021, but before the Distribution Date (as defined below) (or the earlier redemption or expiration of the Rights) and, in certain circumstances, after the Distribution Date.

Generally, the Rights Agreement works by causing substantial dilution to any person or group that acquires beneficial ownership of ten percent (10%) or more of the Common Shares without the approval of the Board. As a result, the overall effect of the Rights Agreement and the issuance of the Rights may be to render more difficult or discourage a merger, tender or exchange offer or other business combination involving the Company that is not approved by the Board. The Rights Agreement is not intended to interfere with any merger, tender or exchange offer or other business combination approved by the Board. The Rights Agreement also does not prevent the Board from considering any offer that it considers to be in the best interest of its stockholders.

The following is a summary description of the Rights and material terms and conditions of the Rights Agreement. This summary is intended to provide a general description only, does not purport to be complete and is qualified in its entirety by reference to the complete text of the Rights Agreement, a copy of which is filed as Exhibit 4.1 to this Current Report on Form 8-K and incorporated herein by reference. All capitalized terms used but not defined herein shall have the meanings ascribed to such terms in the Rights Agreement.

#### *The Rights*

Subject to the terms, provisions and conditions of the Rights Agreement, if the Rights become exercisable, each Right would initially represent the right to purchase from the Company one one-thousandth of a share of a newly-designated series of preferred stock, Series A Junior Participating Preferred Stock, par value \$0.0001 per share, of the Company (each, a “Series A Preferred Share” and, collectively, the “Series A Preferred Shares”), at an exercise price of \$8.00 per one one-thousandth of a Series A Preferred Share, subject to adjustment (the “Exercise Price”). If issued, each one one-thousandth of a Series A Preferred Share would give the stockholder approximately the same dividend, voting and liquidation rights as does one Common Share. However, prior to exercise, a Right does not give its holder any rights as a stockholder of the Company, including, without limitation, any dividend, voting or liquidation rights. A copy of the Amended and Restated Certificate of Designation of Series A Junior Participating Preferred Stock (the “Amended and Restated Series A Certificate of Designation”) that the Company intends to file with the Secretary of State of the State of Delaware on December 21, 2021 to designate the Series A Preferred Shares is filed as Exhibit 3.1 to this Current Report on Form 8-K and is incorporated herein by reference.

#### *Initial Exercisability*

Initially, the Rights will not be exercisable, certificates will not be sent to stockholders and the Rights will automatically trade with the Common Shares. Until the Rights separate from the Common Shares and become exercisable (or the earlier redemption or expiration of the Rights), the Rights will be evidenced by Common Share certificates, Rights relating to any uncertificated Common Shares that are registered in book entry form will be represented by a notation in book entry on the records of the Company, and the surrender for transfer of any Common Shares will also constitute the transfer of the associated Rights.

Subject to certain exceptions specified in the Rights Agreement, the Rights will separate from the Common Shares and become exercisable following the earlier to occur of the tenth (10th) business day (or such later date as may be determined by the Board) after (i) the day on which a public announcement or filing with the Securities and Exchange Commission (the “SEC”) is made indicating that a person has become an Acquiring Person (as defined below) or that discloses information that reveals the existence of an Acquiring Person (the “Shares Acquisition Date”), or (ii) the commencement by any person (other than certain exempted persons) of, or the first public announcement of the intent of any person (other than certain exempted persons) to commence, a tender or exchange offer by or on behalf of a person, the successful consummation of which would result in any person (other than certain exempted persons) becoming an Acquiring Person, irrespective of whether any shares are actually purchased or exchanged pursuant to such offer (the earlier of these dates is called the “Distribution Date”).

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After the Distribution Date, separate rights certificates will be issued and the Rights may be transferred other than in connection with the transfer of the underlying Common Shares unless and until the Board has determined to effect an exchange pursuant to the Rights Agreement (as described below).

#### *Acquiring Person*

Under the Rights Agreement, an Acquiring Person is any person who or that, together with all Affiliates and Associates (as defined in the Rights Agreement) of such person, from and after the first public announcement by the Company of the adoption of the Rights Agreement, is or becomes the beneficial owner of ten percent (10%) or more of the Common Shares outstanding, subject to various exceptions. For purposes of the Rights Agreement, beneficial ownership is defined to include the ownership of derivative securities.

The Rights Agreement provides that an Acquiring Person does not include the Company, any subsidiary of the Company, any employee benefit plan of the Company or any subsidiary of the Company, or any person organized, appointed, or established to hold Common Shares pursuant to any employee benefit plan of the Company or for the purpose of funding any such plan.

The Rights Agreement also provides that the following persons shall not be deemed an Acquiring Person thereunder: (i) any person who becomes the beneficial owner of ten percent (10%) or more of the shares of Common Stock of the Company then outstanding solely as a result of the initial grant or vesting of any options, warrants, rights or similar interests (including restricted shares and restricted stock units) by the Company to its directors, officers and employees pursuant to any employee benefit or stock ownership plan of the Company, or the acquisition of shares of Common Stock of the Company upon the exercise or conversion of any such securities so granted; (ii) any person who as the result of an acquisition of shares of Common Stock by the Company (or any subsidiary of the Company, or any person organized, appointed, established or holding shares of Common Stock of the Company for or pursuant to the terms of any such plan) that, by reducing the number of shares of Common Stock of the Company outstanding, increases the proportionate number of shares of Common Stock of the Company beneficially owned by such person to ten percent (10%) or more of the Common Shares then outstanding; (iii) any person who or that became the beneficial owner of ten percent (10%) or more of the Common Shares then outstanding as a result of the acquisition of Common Shares directly from the Company; or (iv) any person who or that would otherwise be an Acquiring Person who or that the Board determines had become such inadvertently (including, without limitation, because (A) such person was unaware that it beneficially owned a percentage of the Common Shares that would otherwise cause such person to be an "Acquiring Person," or (B) such person was aware of the extent of its beneficial ownership of Common Shares but had no actual knowledge of the consequences of such beneficial ownership under the Rights Agreement), and who or that thereafter within five (5) business days of being requested by the Company, reduces such person's beneficial ownership to less than ten percent (10%) of the Common Shares then outstanding.

#### *"Grandfathering" of Existing Holders*

The Rights Agreement also provides that any person who beneficially owned ten percent (10%) or more of the Common Shares immediately prior to the first public announcement by the Company of the adoption of the Rights Agreement (each a "Grandfathered Person"), shall not be deemed to be an "Acquiring Person" for purposes of the Rights Agreement unless and until a Grandfathered Person becomes the beneficial owner of one or more additional Common Shares after the first public announcement by the Company of the adoption of the Rights Agreement (other than pursuant to a dividend or distribution paid or made by the Company on the outstanding Common Shares, pursuant to a split, reclassification or subdivision of the outstanding Common Shares or pursuant to the acquisition of beneficial ownership of Common Shares upon the vesting or exercise of any option, warrants or other rights, or upon the initial grant or vesting of restricted stock, granted or issued by the Company to its directors, officers and employees, pursuant to a compensation or benefits plan or arrangement adopted by the Board). However, if upon acquiring beneficial ownership of one or more additional Common Shares at any time after the first public announcement by the Company of the adoption of the Rights Agreement, the Grandfathered Person does not, at such time, beneficially own ten percent (10%) or more of the Common Shares then outstanding, the Grandfathered Person will not be treated as an "Acquiring Person" for purposes of the Rights Agreement.

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#### *Flip-In Trigger*

If a person becomes an Acquiring Person, then, following the occurrence of the Distribution Date and subject to the terms, provisions and conditions of the Rights Agreement, each Right will entitle the holder thereof to purchase from the Company, upon payment of the Exercise Price, in lieu of a number of one one-thousandths of a Series A Preferred Share, a number of Common Shares (or, in certain circumstances, cash, property or other securities of the Company) having a then-current market value of twice the Exercise Price. However, the Rights are not exercisable until such time as the Rights are no longer redeemable by the Company, as further described below.

Following the occurrence of an event set forth in the preceding paragraph, all Rights that are or, under certain circumstances specified in the Rights Agreement, were beneficially owned by an Acquiring Person or certain of its transferees will become null and void and nontransferable.

#### *Flip-Over Trigger*

If, after an Acquiring Person obtains beneficial ownership of ten percent (10%) or more of the Common Shares, (i) the Company merges into another entity, (ii) an acquiring entity merges into the Company, or (iii) the Company sells or transfers more than fifty percent (50%) of its assets, cash flow or earning power, then each Right (except for Rights that have previously been voided as set forth above) will entitle the holder thereof to purchase, upon payment of the Exercise Price, in accordance with the terms of the Rights Agreement, a number of shares of common stock of the person engaging in the transaction having a then-current market value of twice the Exercise Price.

#### *Redemption of the Rights*

At any time until the close of business on the tenth (10th) business day after the Shares Acquisition Date (or, if the tenth (10th) business day after the Shares Acquisition Date occurs before the Record Date, the close of business on the Record Date), or thereafter under certain circumstances, the Company may redeem the Rights in whole, but not in part, at a price of \$0.001 per Right (the "Redemption Price"). The Redemption Price may be paid in cash, Common Shares or other forms of consideration, as determined by the Board, in the exercise of its sole discretion. The redemption of the Rights may be made effective at such time, on such basis and subject to such conditions as the Board in its sole discretion may establish. Immediately upon any redemption of the Rights, the right to exercise the Rights will terminate and the only right of the holders of Rights will be to receive the Redemption Price without any interest thereon.

#### *Exchange of the Rights*

At any time after any person (other than certain exempted persons and Grandfathered Persons) becomes an Acquiring Person, and prior to the acquisition by any person of beneficial ownership of fifty percent (50%) or more of the Common Shares, the Board may, at its option, cause the Company to exchange all or part of the then outstanding and exercisable Rights (other than Rights held by the Acquiring Person or any Affiliate or Associate thereof, which would have become null and void and nontransferable in accordance with the terms of the Rights Agreement), in whole or in part, for Common Shares at an exchange ratio (subject to adjustment) of one Common Share for each Right.

In any exchange of the Rights pursuant to the Rights Agreement, the Company, at its option, may, and to the extent there are an insufficient number of authorized Common Shares not reserved for any other purpose to exchange for all of the outstanding Rights, shall, substitute preferred stock or other securities of the Company for some or all of the Common Shares exchangeable for Rights such that the aggregate value received by a holder of Rights in exchange for each Right is substantially the same value as one Common Share. The exchange of the Rights by the Board may be made effective at such time, on such basis, and subject to such conditions as the Board in its sole discretion may establish. Immediately upon the action of the Board authorizing the exchange of the Rights, the right to exercise the Rights will terminate, and the only right of the holders of Rights will be to receive the Common Shares or other consideration issuable in connection with the exchange.

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#### *Expiration of the Rights*

The Rights and the Rights Agreement will expire upon the earliest to occur of (i) the date on which all of the Rights are redeemed, (ii) the date on which the Rights are exchanged, and (iii) the close of business on June 15, 2022.

#### *Amendment of Rights Agreement*

Except as otherwise provided in the Rights Agreement, the Company, by action of the Board, may from time to time, in its sole and absolute discretion, supplement or amend any provision of the Rights Agreement in any respect without the approval of any holders of Rights, including, without limitation, in order to (i) cure any ambiguity in the Rights Agreement, (ii) correct or supplement any provision contained in the Rights Agreement that may be defective or inconsistent with any other provisions contained therein, (iii) shorten or lengthen any time period in the Rights Agreement, or (iv) otherwise change, amend, or supplement any provisions in the Rights Agreement in any manner that the Company may deem necessary or desirable; *provided, however*, that from and after such time as any person becomes an Acquiring Person, the Rights Agreement may not be supplemented or amended in any manner that would adversely affect the interests of the holders of Rights (other than Rights that have become null and void pursuant to the Rights Agreement) as such or cause the Rights Agreement to become amendable other than in accordance with the terms of the Rights Agreement. Without limiting the foregoing, the Company, by action of the Board, may at any time before any person becomes an Acquiring Person amend the Rights Agreement to make the provisions of the Rights Agreement inapplicable to a particular transaction by which a person might otherwise become an Acquiring Person or to otherwise alter the terms and conditions of the Rights Agreement as they may apply with respect to any such transaction.

#### *Rights of Holders*

Until a Right is exercised, a Right does not give its holder any rights as a stockholder of the Company, including, without limitation, any dividend, voting or liquidation rights.

#### *Anti-Dilution Provisions*

The Board may adjust the Exercise Price, the number of Series A Preferred Shares issuable and the number of outstanding Rights to prevent dilution that may occur from a stock dividend, a stock split or a reclassification of the Series A Preferred Shares or Common Shares.

With certain exceptions, no adjustments to the Exercise Price will be made until the cumulative adjustments amount to at least one percent (1%) of the Exercise Price. No fractional Series A Preferred Shares will be issued other than fractions that are integral multiples of one one-thousandth of a share and, in lieu thereof, an adjustment in cash will be made based on the current market price of the Series A Preferred Shares.

#### *Tax Consequences*

The adoption of the Rights Agreement and the subsequent distribution of the Rights to stockholders should not be a taxable event for the Company or its stockholders under presently existing U.S. federal income tax laws. However, if the Rights become exercisable or if the Rights are redeemed, stockholders may recognize taxable income, depending on the circumstances then existing.

#### *Accounting Treatment*

The distribution of the Rights as a dividend to the Company's stockholders is not expected to have any financial accounting or reporting impact. The fair value of the Rights is expected to be zero when they are distributed because the Rights will be "out of the money" when distributed and no value should be attributable to them. Additionally, the Rights do not meet the definition of a liability under generally accepted accounting principles in the United States and are therefore not accounted for as a long-term obligation.

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#### *Authority of the Board*

When evaluating decisions relating to the redemption of the Rights or any amendment to the Rights Agreement to delay or prevent the Rights from detaching and becoming exercisable as a result of a particular transaction, pursuant to the Rights Agreement, the Board, or any future board of directors, would not be subject to restrictions such as those commonly known as “dead-hand,” “slow-hand,” “no-hand,” or similar provisions.

#### *Certain Anti-Takeover Effects*

The Rights are not intended to prevent a takeover of the Company and should not interfere with any merger or other business combination approved by the Board. However, the Rights may cause substantial dilution to a person or group that acquires beneficial ownership of ten percent (10%) or more of the issued and outstanding Common Shares (which includes for this purpose stock referenced in derivative transactions and securities) without the approval of the Board.

#### *SEC Registration*

Since the Rights are not exercisable immediately, registration with the SEC of the Series A Preferred Shares issuable upon exercise of the Rights is not required until the Rights become exercisable.

#### **Item 3.03. Material Modification to Rights of Security Holders.**

The information included in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item 3.03.

#### **Item 5.03. Amendments to Articles of Incorporation or Bylaws; Change in Fiscal Year.**

In connection with the adoption of the Rights Agreement described in Item 1.01 above, on December 20, 2021, the Board approved the Amended and Restated Series A Certificate of Designation. The Amended and Restated Series A Certificate of Designation sets forth the rights, powers and preferences of the Series A Preferred Shares. The Company intends to file the Series A Certificate of Designation with the Secretary of State of the State of Delaware on December 20, 2021.

The summary of the rights, powers and preferences of the Series A Preferred Shares set forth in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item 5.03. A copy of the Amended and Restated Series A Certificate of Designation is attached to this Current Report on Form 8-K as Exhibit 3.1 and is incorporated herein by reference.

#### **Item 8.01 Other Events.**

On December 21, 2021, the Company issued a press release announcing that the Board had approved and adopted the Rights Agreement and declared the dividend of the Rights. A copy of the press release is attached to this Current Report on Form 8-K as Exhibit 99.1 and is incorporated herein by reference.

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**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

See the Exhibit Index below, which is incorporated by reference herein.

**EXHIBIT INDEX**

<b>Exhibit Number</b>	<b>Description</b>
<a href="#">3.1</a>	Amended and Restated Certificate of Designation of Series A Junior Participating Preferred Stock of ADMA Biologics, Inc.
<a href="#">4.1</a>	Rights Agreement, dated as of December 20, 2021, by and between ADMA Biologics, Inc. and Continental Stock Transfer and Trust Company, as rights agent
<a href="#">99.1</a>	Press release of ADMA Biologics, Inc. issued December 21, 2021

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**ADMA BIOLOGICS, INC.**

Date: December 21, 2021

By: /s/ Adam S. Grossman  
Adam S. Grossman  
President and Chief Executive Officer

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AMENDED AND RESTATED CERTIFICATE OF DESIGNATION  
OF  
SERIES A JUNIOR PARTICIPATING PREFERRED STOCK  
OF  
ADMA BIOLOGICS, INC.

(Pursuant to Section 151 of the Delaware General Corporation Law)

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ADMA Biologics, Inc. (the “**Corporation**”), a corporation organized and existing under the General Corporation Law of the State of the Delaware, as amended (the “**DGCL**”), hereby certifies that, pursuant to the authority granted by Article FOURTH of the Certificate of Incorporation of the Corporation, as amended (the “**Restated Certificate of Incorporation**”), and in accordance with Section 151 of the DGCL, the Board of Directors of the Corporation (hereinafter being referred to as the “**Board of Directors**” or the “**Board**”), at a meeting duly called and held on December 14, 2021 and pursuant to a unanimous written consent on December 20, 2021, has adopted the following resolution with respect to the designations, number of shares, preferences, voting powers and other rights and the restrictions and limitations thereof, of the Series A Junior Participating Preferred Stock.

WHEREAS, the Certificate of Incorporation of this Corporation provides for two classes of shares known as common stock (“Common Stock”) and preferred stock (“Preferred Stock”); and

WHEREAS, the Board of Directors of this Corporation is authorized by the Certificate of Incorporation to provide for the issuance of the shares of Preferred Stock in series, and by filing a certificate pursuant to the applicable law of the State of Delaware, to establish from time to time the number of shares to be included in each such series, and to fix the designation, preferences and rights of the shares of each such series and the qualifications, limitations and restrictions thereof.

NOW, THEREFORE, BE IT RESOLVED, that, pursuant to the authority granted to and vested in the Board of Directors in accordance with the provisions of the Restated Certificate of Incorporation, the designations, number of shares, preferences, voting powers and other rights and the restrictions and limitations thereof of the Series A Junior Participating Preferred Stock are as follows:

1. Designation and Amount. The shares of such series shall be designated as “Series A Junior Participating Preferred Stock” (the “**Series A Preferred Stock**”) and the number of shares constituting the Series A Preferred Stock shall be 10,000. Such number of shares may be increased or decreased by resolution of the Board of Directors prior to issuance; provided, however, that no decrease shall reduce the number of shares of the Series A Preferred Stock to a number less than the number of shares then outstanding plus the number of shares reserved for issuance upon the exercise of outstanding options, rights or warrants or upon the conversion of any outstanding securities issued by the Corporation convertible into the Series A Preferred Stock; provided, further, that if more than a total 10,000 shares of Series A Preferred Stock shall be issuable upon the exercise of Rights (the “**Rights**”) issued pursuant to the Rights Agreement, dated as of December 20, 2021, and as supplemented, restated or amended from time to time, by and between the Corporation and Continental Stock Transfer and Trust Company, as rights agent (the “**Rights Agreement**”), the Board, pursuant to Section 151(g) of the DGCL, shall direct by resolution or resolutions that a certificate be properly executed, acknowledged, filed and recorded, in accordance with the provisions of Section 103 of the DGCL, providing for the total number of shares of Series A Preferred Stock authorized to be issued to be increased (to the extent that the Restated Certificate of Incorporation then permits) to the largest number of whole shares (rounded up to the nearest whole number) issuable upon exercise of such Rights.

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2. Dividends and Distributions.

(a) Subject to the rights of the holders of any shares of any series of Preferred Stock of the Corporation (the "**Preferred Stock**") (or any similar stock) ranking prior and superior to the shares of Series A Preferred Stock with respect to dividends, the holders of shares of the Series A Preferred Stock, in preference to the holders of common stock, par value \$0.0001 per share, of the Corporation (the "**Common Stock**") and of any other stock of the Corporation ranking junior to the Series A Preferred Stock, shall be entitled to receive, when, as and if declared by the Board of Directors out of funds of the Corporation legally available for the payment of dividends, quarterly dividends payable in cash on the last day of each fiscal quarter of the Corporation in each year, or such other dates as the Board of Directors shall approve (each such date being referred to herein as a "**Quarterly Dividend Payment Date**"), commencing on the first Quarterly Dividend Payment Date after the first issuance of a share or fraction of a share of the Series A Preferred Stock (the "**Issue Date**"), in an amount per share (rounded to the nearest cent) equal to the greater of (i) \$1.00 or (ii) subject to the provision for adjustment hereinafter set forth, 1,000 times the aggregate per share amount of all cash dividends, and 1,000 times the aggregate per share amount (payable in kind) of all non-cash dividends or other distributions other than a dividend payable in shares of Common Stock or a subdivision of the outstanding shares of the Common Stock (by reclassification or otherwise), declared on the Common Stock since the immediately preceding Quarterly Dividend Payment Date or, with respect to the first Quarterly Dividend Payment Date, since the first issuance of any share or fraction of a share of Series A Preferred Stock. In the event the Corporation shall at any time after the Issue Date (A) declare and pay any dividend on the Common Stock payable in shares of Common Stock, or (B) effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise than by payment of a dividend in shares of Common Stock) into a greater or lesser number of shares of Common Stock, then in each such case the amount to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event under clause (ii) of the preceding sentence shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event. In the event the Corporation shall at any time declare or pay any dividend on the Series A Preferred Stock payable in shares of Series A Preferred Stock, or effect a subdivision, combination or consolidation of the outstanding shares of Series A Preferred Stock (by reclassification or otherwise than by payment of a dividend in shares of Series A Preferred Stock) into a greater or lesser number of shares of Series A Preferred Stock, then in each such case the amount to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event under clause (ii) of the first sentence of this Section 2(a) shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Series A Preferred Stock that were outstanding immediately prior to such event and the denominator of which is the number of shares of Series A Preferred Stock outstanding immediately after such event.

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(b) The Corporation shall declare a dividend or distribution on the Series A Preferred Stock as provided in paragraph (a) of this Section 2 immediately after it declares a dividend or distribution on the Common Stock (other than a dividend payable in shares of Common Stock); and the Corporation shall pay such dividend or distribution on the Series A Preferred Stock before the dividend or distribution declared on the Common Stock is paid or set apart; provided that, in the event no dividend or distribution shall have been declared on the Common Stock during the period between any Quarterly Dividend Payment Date and the next subsequent Quarterly Dividend Payment Date, a dividend of \$1.00 per share on the Series A Preferred Stock shall nevertheless be payable, when, as and if declared, on such subsequent Quarterly Dividend Payment Date.

(c) Dividends shall begin to accrue and be cumulative, whether or not declared, on outstanding shares of Series A Preferred Stock from the Quarterly Dividend Payment Date next preceding the date of issue of such shares, unless the date of issue of such shares is prior to the record date for the first Quarterly Dividend Payment Date, in which case dividends on such shares shall begin to accrue from the date of issue of such shares, or unless the date of issue is a Quarterly Dividend Payment Date or is a date after the record date for the determination of holders of shares of Series A Preferred Stock entitled to receive a quarterly dividend and before such Quarterly Dividend Payment Date, in either of which events such dividends shall begin to accrue and be cumulative from such Quarterly Dividend Payment Date. Accrued but unpaid dividends shall not bear interest. Dividends paid on the shares of Series A Preferred Stock in an amount less than the total amount of such dividends at the time accrued and payable on such shares shall be allocated pro rata on a share-by-share basis among all such shares at the time outstanding. The Board of Directors may fix a record date for the determination of holders of shares of Series A Preferred Stock entitled to receive payment of a dividend or distribution declared thereon, which record date shall be not more than sixty (60) calendar days prior to the date fixed for the payment thereof.

3. Voting Rights. The holders of shares of Series A Preferred Stock shall have the following voting rights:

(a) Subject to the provision for adjustment hereinafter set forth and except as otherwise provided in the Restated Certificate of Incorporation or required by law, each share of Series A Preferred Stock shall entitle the holder thereof to 1,000 votes on all matters upon which the holders of the Common Stock of the Corporation are entitled to vote. In the event the Corporation shall at any time after the Issue Date (i) declare or pay any dividend on the Common Stock payable in shares of Common Stock, or (ii) effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise than by payment of a dividend in shares of Common Stock) into a greater or lesser number of shares of Common Stock, then in each such case the number of votes per share to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event shall be adjusted by multiplying such number by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event. In the event the Corporation shall at any time declare or pay any dividend on the Series A Preferred Stock payable in shares of Series A Preferred Stock, or effect a subdivision, combination or consolidation of the outstanding shares of Series A Preferred Stock (by reclassification or otherwise than by payment of a dividend in shares of Series A Preferred Stock) into a greater or lesser number of shares of Series A Preferred Stock, then in each such case the number of votes per share to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Series A Preferred Stock that were outstanding immediately prior to such event and the denominator of which is the number of shares of Series A Preferred Stock outstanding immediately after such event.

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(b) Except as otherwise provided herein, in the Restated Certificate of Incorporation or in any other Certificate of Designations creating a series of Preferred Stock or any similar stock, and except as otherwise required by law, the holders of shares of Series A Preferred Stock and the holders of shares of Common Stock and any other capital stock of the Corporation having general voting rights shall vote together as one class on all matters submitted to a vote of stockholders of the Corporation.

(c) (i) If at any time dividends on any Series A Preferred Stock shall be in arrears in an amount equal to six (6) quarterly dividends thereon, then and in such event the holders of the Series A Preferred Stock, voting as a separate series from all other series of Preferred Stock and classes of capital stock, shall be entitled to elect two (2) members of the Board in addition to any Directors elected by any other series, class or classes of securities and the authorized number of Directors will automatically be increased by two (2). Promptly thereafter, the Board of the Corporation shall, as soon as may be practicable, call a special meeting of holders of Series A Preferred Stock for the purpose of electing such members of the Board. Such special meeting shall in any event be held within forty-five (45) calendar days of the occurrence of such arrearage.

(ii) During any period when the holders of Series A Preferred Stock, voting as a separate series, shall be entitled and shall have exercised their right to elect two (2) Directors, then, and during such time as such right continues, (a) the then authorized number of Directors shall be increased by two (2), and the holders of Series A Preferred Stock, voting as a separate series, shall be entitled to elect the additional Directors so provided for, and (b) each such additional Director shall serve until the next annual meeting of stockholders for the election of Directors, or until his successor shall be elected and shall qualify, or until his right to hold such office terminates pursuant to the provisions of this Section 3(c).

(iii) A Director elected pursuant to the terms hereof may be removed with or without cause by the holders of Series A Preferred Stock entitled to vote in an election of such Director.

(iv) If, during any interval between annual meetings of stockholders for the election of Directors and while the holders of Series A Preferred Stock shall be entitled to elect two (2) Directors, there is no such Director in office by reason of resignation, death or removal, then, promptly thereafter, the Board shall call a special meeting of the holders of Series A Preferred Stock for the purpose of filling such vacancy and such vacancy shall be filled at such special meeting. Such special meeting shall in any event be held within forty-five (45) calendar days of the occurrence of such vacancy.

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(v) At such time as the arrearage is fully cured, and all dividends accumulated and unpaid on any shares of Series A Preferred Stock outstanding are paid, and, in addition thereto, at least one regular dividend has been paid subsequent to curing such arrearage, the term of office of any Director elected pursuant to this Section 3(c), or his successor, shall automatically terminate, and the authorized number of Directors shall automatically decrease by two (2), the rights of the holders of the shares of the Series A Preferred Stock to vote as provided in this Section 3(e) shall cease, subject to renewal from time to time in the case of any such future dividend default or defaults upon the same terms and conditions, and the holders of shares of the Series A Preferred Stock shall have only the limited voting rights elsewhere herein set forth.

(d) Except as set forth herein, or as otherwise provided by law, the holders of Series A Preferred Stock shall have no special voting rights and their consent shall not be required (except to the extent they are entitled to vote with holders of Common Stock as set forth herein) for taking any corporate action.

4. Certain Restrictions.

(a) Whenever quarterly dividends or other dividends or distributions payable on the Series A Preferred Stock as provided in Section 2 hereof are in arrears, thereafter and until all accrued and unpaid dividends and distributions, whether or not declared, on shares of Series A Preferred Stock outstanding shall have been paid in full, the Corporation shall not:

(i) declare or pay dividends, or make any other distributions, on any shares of stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock;

(ii) declare or pay dividends, or make any other distributions, on any shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except dividends paid ratably on the Series A Preferred Stock and all such parity stock on which dividends are payable or in arrears in proportion to the total amounts to which the holders of all such shares are then entitled;

(iii) redeem or purchase or otherwise acquire for consideration shares of any stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock, provided that, the Corporation may at any time redeem, purchase or otherwise acquire shares of any such junior stock in exchange for shares of any stock of the Corporation ranking junior (either as to dividends or upon dissolution, liquidation or winding up) to the Series A Preferred Stock or rights, warrants or options to acquire such junior stock; or

(iv) redeem or purchase or otherwise acquire for consideration any shares of Series A Preferred Stock, or any shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except in accordance with a purchase offer made in writing or by publication (as determined by the Board of Directors) to all holders of such shares upon such terms as the Board of Directors, after consideration of the respective annual dividend rates and other relative rights and preferences of the respective series and classes, shall determine in good faith will result in fair and equitable treatment among the respective series or classes.

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(b) The Corporation shall not permit any subsidiary of the Corporation to purchase or otherwise acquire for consideration any shares of stock of the Corporation unless the Corporation could, under paragraph (a) of this Section 4, purchase or otherwise acquire such shares at such time and in such manner.

5 . Reacquired Shares. Any shares of Series A Preferred Stock purchased or otherwise acquired by the Corporation in any manner whatsoever shall be retired and cancelled promptly after the acquisition thereof. All such shares shall upon their cancellation become authorized but unissued shares of Preferred Stock and may be reissued, without designation as to series until such shares are once more designated as part of a particular series of Preferred Stock by resolution or resolutions of the Board of Directors, subject to the conditions and restrictions on issuance set forth herein, in the Restated Certificate of Incorporation, or in any other Certificate of Designations creating a series of Preferred Stock or any similar stock or as otherwise required by law.

6 . Liquidation, Dissolution or Winding Up. (a) Upon any liquidation, dissolution or winding up of the Corporation, no distribution shall be made (i) to the holders of the Common Stock or of shares of any other stock of the Corporation ranking junior, either as to dividends or upon liquidation, dissolution or winding up, to the Series A Preferred Stock unless, prior thereto, the holders of shares of Series A Preferred Stock shall have received \$1,000 per share, plus an amount equal to accrued and unpaid dividends and distributions thereon, whether or not declared, to the date of such payment, provided that, the holders of shares of Series A Preferred Stock shall be entitled to receive an aggregate amount per share, subject to the provision for adjustment hereinafter set forth, equal to 1,000 times the aggregate amount to be distributed per share to holders of shares of Common Stock, or (ii) to the holders of shares of stock ranking on a parity either as to dividends or upon liquidation, dissolution or winding up with the Series A Preferred Stock, except distributions made ratably on the Series A Preferred Stock and all such parity stock in proportion to the total amounts to which the holders of all such shares are entitled upon such liquidation, dissolution or winding up. In the event, however, that there are not sufficient assets available to permit payment in full of the Series A Preferred Stock liquidation preference and the liquidation preferences of all other classes and series of stock of the Corporation, if any, that rank on a parity with the Series A Preferred Stock in respect thereof, then the assets available for such distribution shall be distributed ratably to the holders of the Series A Preferred Stock and the holders of such parity shares in the proportion to their respective liquidation preferences. In the event the Corporation shall at any time after the Issue Date (A) declare or pay any dividend on the Common Stock payable in shares of Common Stock, or (B) effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise than by payment of a dividend in shares of Common Stock) into a greater or lesser number of shares of Common Stock, then in each such case the aggregate amount to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event under the proviso in clause (i) of this Section 6(a) shall be adjusted by multiplying such amount by a fraction the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event. In the event the Corporation shall at any time declare or pay any dividend on the Series A Preferred Stock payable in shares of Series A Preferred Stock, or effect a subdivision, combination or consolidation of the outstanding shares of Series A Preferred Stock (by reclassification or otherwise than by payment of a dividend in shares of Series A Preferred Stock) into a greater or lesser number of shares of Series A Preferred Stock, then in each such case the aggregate amount to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event under the proviso in clause (i) of this Section 6(a) shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Series A Preferred Stock that were outstanding immediately prior to such event and the denominator of which is the number of shares of Series A Preferred Stock outstanding immediately after such event.

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(b) Neither the merger, consolidation or other business combination of the Corporation into or with another entity nor the merger, consolidation or other business combination of any other entity into or with the Corporation (nor the sale, lease, exchange or conveyance of all or substantially all of the property, assets or business of the Corporation) shall be deemed to be a liquidation, dissolution or winding up of the Corporation within the meaning of this Section 6.

7 . Consolidation, Merger, etc. Notwithstanding anything to the contrary contained herein, in case the Corporation shall enter into any consolidation, merger, combination or other transaction in which the shares of Common Stock are converted into, exchanged for or changed into other stock or securities, cash and/or any other property (payable in kind), then in any such case each share of Series A Preferred Stock shall at the same time be similarly converted into, exchanged for or changed into an amount per share (subject to the provision for adjustment hereinafter set forth) equal to 1,000 times the aggregate amount of stock, securities, cash and/or any other property (payable in kind), as the case may be, into which or for which each share of Common Stock is converted or exchanged. In the event the Corporation shall at any time after the Issue Date (i) declare or pay any dividend on the Common Stock payable in shares of Common Stock, or (ii) effect a subdivision or combination or consolidation (by reclassification or otherwise than by payment of a dividend in shares of Common Stock) of the outstanding shares of Common Stock into a greater or lesser number of shares of Common Stock, then in each such case the amount set forth in the preceding sentence with respect to the conversion, exchange or change of shares of Series A Preferred Stock shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event. In the event the Corporation shall at any time declare or pay any dividend on the Series A Preferred Stock payable in shares of Series A Preferred Stock, or effect a subdivision, combination or consolidation of the outstanding shares of Series A Preferred Stock (by reclassification or otherwise than by payment of a dividend in shares of Series A Preferred Stock) into a greater or lesser number of shares of Series A Preferred Stock, then in each such case the amount set forth in the first sentence of this Section 7 with respect to the exchange or change of shares of Series A Preferred Stock shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Series A Preferred Stock that were outstanding immediately prior to such event and the denominator of which is the number of shares of Series A Preferred Stock outstanding immediately after such event.

8. No Redemption. The shares of Series A Preferred Stock shall not be redeemable from any holder.

9 . Rank. The Series A Preferred Stock shall rank, with respect to the payment of dividends and the distribution of assets upon liquidation, dissolution or winding up of the Corporation, junior to all series of any other class of the Preferred Stock issued either before or after the issuance of the Series A Preferred Stock, unless the terms of any such series shall provide otherwise, and shall rank senior to the Common Stock.

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10. Amendment. At such time as any shares of Series A Preferred Stock are outstanding, if any proposed amendment to the Restated Certificate of Incorporation (including this Amended and Restated Certificate of Designation) would materially alter, change or repeal any of the preferences, powers or special rights given to the Series A Preferred Stock so as to affect the Series A Preferred Stock adversely, then the holders of the Series A Preferred Stock shall be entitled to vote separately as a class upon such amendment, and the affirmative vote of two-thirds of the outstanding shares of the Series A Preferred Stock, voting separately as a single class, shall be necessary for the adoption thereof, in addition to such other vote as may be required by the DGCL.

11. Fractional Shares. Series A Preferred Stock may be issued in fractions of a share that shall entitle the holder, in proportion to such holder's fractional shares, to exercise voting rights, receive dividends, participate in distributions and to have the benefit of all other rights of holders of Series A Preferred Stock.

**IN WITNESS WHEREOF**, the undersigned have signed and attested this Amended and Restated Certificate of Designation on this 21th day of December 2021.

ADMA BIOLOGICS, INC.

By: /s/ Adam S. Grossman

Name: Adam S. Grossman

Title: Chief Executive Officer

Secretary

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**RIGHTS AGREEMENT**

by and between

**ADMA BIOLOGICS, INC.**

and

**CONTINENTAL STOCK TRANSFER AND TRUST COMPANY**

as Rights Agent,

Dated as of December 20, 2021

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**Exhibits**

Exhibit A:	Form of Amended and Restated Certificate of Designation of Series A Junior Participating Preferred Stock
Exhibit B:	Form of Rights Certificate
Exhibit C:	Form of Summary of Rights to Purchase Preferred Stock

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## RIGHTS AGREEMENT

This RIGHTS AGREEMENT, dated as of December 20, 2021 (this “**Agreement**”), is by and between ADMA Biologics, Inc., a Delaware corporation (the “**Company**”), and Continental Stock Transfer and Trust Company, as rights agent (the “**Rights Agent**”).

### RECITALS

WHEREAS, on December 20, 2021 (the “**Rights Dividend Declaration Date**”), the Board of Directors of the Company (the “**Board**”) authorized and declared a dividend distribution of one preferred share purchase right (each, a “**Right**” and, collectively, the “**Rights**”) for each Common Share (as hereinafter defined) outstanding at the Close of Business (as hereinafter defined) on December 30, 2021 (the “**Record Date**”), with each Right initially representing the right to purchase one one-thousandth (subject to adjustment in accordance with the provisions of this Agreement) of a Preferred Share (as hereinafter defined) and having the rights, preferences and privileges set forth in the form of Amended and Restated Certificate of Designation of Series A Junior Participating Preferred Stock attached hereto as Exhibit A, upon the terms and subject to the conditions set forth herein; and

WHEREAS, the Board further authorized and directed the issuance of one Right (subject to adjustment in accordance with the provisions of this Agreement) with respect to each Common Share that becomes outstanding between the Record Date and the earlier of the Distribution Date and the Expiration Date (as such terms are hereinafter defined); provided, however, that Rights may be issued with respect to Common Shares that shall become outstanding after the Distribution Date and prior to the Expiration Date in accordance with Section 22 hereof;

NOW, THEREFORE, in consideration of the premises and the mutual agreements herein set forth, the parties, intending to be legally bound hereby, agree as follows:

Section 1. Certain Definitions. For purposes of this Agreement, the following terms have the meanings indicated:

(a) **“Acquiring Person”** shall mean any Person who or which, together with all Related Persons of such Person, from and after the first public announcement by the Company of the adoption of this Agreement, is or becomes the Beneficial Owner of ten percent (10%) or more of the Common Shares then outstanding, whether or not such Person continues to be the Beneficial Owner of ten percent (10%) or more of the Common Shares then outstanding, but shall not include an Exempt Person or a Grandfathered Person. Notwithstanding the foregoing: no Person shall become an Acquiring Person solely as a result of (i) (A) the grant or issuance by the Company to its directors, officers and/or employees of any options, warrants, rights or similar interests to acquire Common Shares by the Company pursuant to any employee benefit, stock incentive plan, stock option plan or stock ownership plan of the Company adopted by the Board, and the subsequent vesting, exercise or conversion of such options, warrants, rights or similar interests, (B) the grant or issuance by the Company to its directors, officers and/or employees of restricted Common Shares or restricted stock units, pursuant to a restricted stock or other compensation plan or arrangement adopted by the Board, and/or the subsequent vesting of such shares or stock units, (C) the acquisition of Common Shares by the Company or another Exempt Person which, by reducing the number of Common Shares outstanding, increases the proportionate number of Common Shares beneficially owned by such Person, together with all Related Persons of such Person, to ten percent (10%) or more of the Common Shares then outstanding; provided, however, that, if a Person shall become the Beneficial Owner of ten percent (10%) or more of the Common Shares then outstanding by reason of acquisition of shares by an Exempt Person and shall, after the first public announcement by the Company or other Exempt Person disclosing such share acquisitions by an Exempt Person, become the Beneficial Owner of any additional Common Shares (other than pursuant to a stock split, reverse stock split, stock dividend, reclassification or similar transaction effected by the Company) and immediately thereafter is the Beneficial Owner of ten percent (10%) or more of the Common Shares then outstanding, then such Person shall be an Acquiring Person, (D) a dividend or distribution paid or made by the Company on the outstanding Common Shares or pursuant to a stock split, subdivision or similar transaction effected by the Company in which all registered holders of Common Shares are treated substantially equally, or (E) the acquisition of Common Shares directly from the Company; and (ii) (A) if the Board determines that a Person who would otherwise be an Acquiring Person has become such inadvertently (including, without limitation, because such Person was unaware that it beneficially owned a percentage of Common Shares that would otherwise cause such Person to be an Acquiring Person, or such Person was aware of the extent of its Beneficial Ownership of Common Shares, but had no actual knowledge of the consequences of such Beneficial Ownership under this Agreement and had no intention of changing or influencing control of the Company), and (B) such Person and/or its Related Persons divests as promptly as practicable (and in any event within five (5) Business Days after being so requested by the Company) a sufficient number of Common Shares so that such Person, together with its Related Persons, is no longer the Beneficial Owner of ten percent (10%) or more of the Common Shares then outstanding or, in the case solely of Derivative Interests, such Person terminates as promptly as practicable (and in any event within five (5) Business Days after being so requested by the Company) the subject derivative transaction or transactions or disposes of the subject derivative security or securities as promptly as practicable (and in any event within five (5) Business Days after being so requested by the Company), or establishes to the satisfaction of the Board that such Derivative Interests are not held with any intention of changing or influencing control of the Company, then such Person shall not be deemed to be or ever to have been an Acquiring Person for any purposes of this Agreement as a result of such inadvertent acquisition.

(b) **“Act”** shall mean the Securities Act of 1933, as amended.

(c) **“Adjustment Shares”** shall have the meaning set forth in Section 11(a)(ii) hereof.

(d) **“Affiliate”** and **“Associate”** shall have the respective meanings ascribed to such terms in Rule 12b-2 of the General Rules and Regulations under the Exchange Act; provided, however, that no director or officer of the Company shall be deemed an Affiliate or Associate of any other director or officer of the Company solely as a result of his or her being a director or officer of the Company.

(e) **“Agreement”** shall have the meaning set forth in the preamble of this Agreement, as it may from time to time be supplemented, amended, renewed, restated or extended pursuant to the applicable provisions hereof.

(f) A Person shall be deemed the “**Beneficial Owner**” of, shall be deemed to have “**Beneficial Ownership**” of, and shall be deemed to “**beneficially own**” any securities that:

(i) such Person or any of such Person’s Related Persons beneficially owns, directly or indirectly (as determined pursuant to Rule 13d-3 of the General Rules and Regulations under the Exchange Act);

(ii) such Person or any of such Person’s Related Persons, directly or indirectly, has the legal, equitable or contractual right to acquire (whether such right is exercisable immediately, only after the passage of time, or upon the satisfaction of one or more conditions (whether or not within the control of such Person), compliance with regulatory requirements or otherwise) pursuant to any agreement, arrangement or understanding (whether or not in writing and other than customary agreements with and between underwriters and selling group members with respect to a bona fide public offering of securities registered under the Securities Act) or upon the exercise of conversion rights, exchange rights, other rights (other than the Rights), warrants, or options, or otherwise; provided, however, that a Person shall not be deemed the “Beneficial Owner” of, to have “Beneficial Ownership” of, or to “beneficially own,” (A) securities tendered pursuant to a tender offer or exchange offer made in accordance with the General Rules and Regulations under the Exchange Act by or on behalf of such Person or any of such Person’s Related Persons until such tendered securities are accepted for purchase or exchange, (B) securities issuable upon the exercise of Rights at any time prior to the occurrence of a Triggering Event, or (C) securities issuable upon the exercise of Rights from and after the occurrence of a Triggering Event, which Rights were acquired by such Person or any of such Person’s Related Persons prior to the Distribution Date or pursuant to Section 3(a) or Section 22 hereof (the “**Original Rights**”) or pursuant to Section 11(i) or Section 11(p) hereof in connection with an adjustment made with respect to any Original Rights;

(iii) such Person or any of such Person’s Related Persons, directly or indirectly, has the right to vote or dispose of, including pursuant to any agreement, arrangement, or understanding (whether or not in writing); provided, however, that a Person shall not be deemed the “Beneficial Owner” of, to have “Beneficial Ownership” of, or to “beneficially own,” any security as a result of an agreement, arrangement or understanding (whether or not in writing) to vote such security if such agreement, arrangement or understanding: (A) arises solely from a revocable proxy or consent (as such terms are defined in Regulation 14A under the Exchange Act) given to such Person in response to a public proxy or consent solicitation made pursuant to, and in accordance with, the General Rules and Regulations promulgated under the Exchange Act to more than ten (10) holders of shares of a class of stock of the Company registered under Section 12 of the Exchange Act, (B) is not also then reportable by such Person on Schedule 13D under the Exchange Act (or any comparable or successor report); or (C) arises solely because such security has been tendered pursuant to a tender or exchange offer made by such Person or any Related Persons thereof until such tendered security is accepted for payment or exchange;

(iv) are beneficially owned, directly or indirectly, by any other Person (or any Related Person thereof) with which such Person (or any of such Person's Related Persons) has any agreement, arrangement or understanding (whether or not in writing) for the purpose of acquiring, holding, voting (except pursuant to a revocable proxy or consent as described in the proviso to Section 1(f)(iii)), or disposing of any voting securities of the Company; provided, however, that nothing in this Section 1(f)(iv) shall cause a Person engaged in business as an underwriter of securities to be the "Beneficial Owner" of, to have "Beneficial Ownership" of, or to "beneficially own," any securities acquired, or which such Person has the right to acquire, as a result of customary agreements with and between underwriters and selling group members entered into in connection with a bona fide public offering of securities registered under the Securities Act; or

(v) are the subject of, or the reference securities for, or that underlie, any Derivative Interest of such Person or any of such Person's Related Persons, with the number of Common Shares deemed beneficially owned being the notional or other number of Common Shares specified in the documentation evidencing the Derivative Interest as being subject to being acquired upon the exercise or settlement of the Derivative Interest or as the basis upon which the value or settlement amount of such Derivative Interest is to be calculated in whole or in part or, if no such number of Common Shares is specified in such documentation, as determined by the Board in its sole discretion to be the number of Common Shares to which the Derivative Interest relates.

Notwithstanding anything in this definition of Beneficial Ownership to the contrary, for all purposes of this Agreement, the phrase "then outstanding," when used with reference to a Person's Beneficial Ownership of securities of the Company, shall mean the number of such securities then issued and outstanding together with the number of such securities not then actually issued and outstanding that such Person, together with all Related Persons, would be deemed to beneficially own hereunder. The number of Common Shares not actually issued and outstanding that such Person, together with all Related Persons of such Person, is otherwise deemed to beneficially own for purposes of this Agreement shall be deemed to be issued and outstanding for the purpose of computing the percentage of the outstanding number of Common Shares owned by such Person, together with all Related Persons of such Person, but shall not be deemed to be issued and outstanding for the purpose of computing the percentage of outstanding Common Shares owned by any other Person.

No Person who is an officer, director or employee of an Exempt Person shall be deemed, solely by reason of such Person's status or authority as such, to be the "Beneficial Owner" of, to have "Beneficial Ownership" of or to "beneficially own" any securities that are "beneficially owned" (as defined in this Section 1(f)), including, without limitation, in a fiduciary capacity, by an Exempt Person or by any other such officer, director or employee of an Exempt Person.

Notwithstanding any of the foregoing, no Person shall be deemed to be the "Beneficial Owner" of, to have "Beneficial Ownership" of or to "beneficially own" any securities which such Person or any of such Person's Related Persons would otherwise be deemed to "beneficially own" pursuant to this Section 1(f) solely as a result of any merger or other acquisition agreement between the Company and such Person (or one or more of such Person's Related Persons), or any tender, voting or support agreement entered into by such Person (or one or more of such Person's Related Persons) in connection therewith, if, prior to such Person becoming an Acquiring Person, the Board has approved such merger or other acquisition agreement, or such tender, voting or support agreement.

(g) "**Board**" shall have the meaning set forth in the recitals to this Agreement and also includes any duly authorized committee thereof.

- (h) **“Book Entry”** shall mean an uncertificated book entry for any Common Share or Preferred Share.
- (i) **“Business Day”** shall mean any day other than a Saturday, Sunday or a day on which banking institutions in the State of New York are authorized or obligated by law or executive order to close.
- (j) **“Bylaws”** shall mean the Company’s Amended and Restated By-laws, as in effect on the date hereof, and as such may be amended, modified or restated from time to time.
- (k) **“Close of Business”** on any given date shall mean 5:00 p.m., New York City time, on such date; provided, however, that if such date is not a Business Day, it shall mean 5:00 p.m., New York City time, on the next succeeding Business Day.
- (l) **“Closing Price”** of any security on any given day shall be the last sale price, regular way, of such security or, in case no such sale takes place on such day, the average of the closing bid and asked prices, regular way, on the principal trading market on which such security is then traded.
- (m) **“Common Shares”** shall mean the shares of common stock, par value \$0.0001 per share, of the Company or any other shares of capital stock of the Company into which such shares shall be reclassified or exchanged, except that **“Common Shares”** when used with reference to any Person other than the Company shall mean the capital stock of such Person with the greatest voting power, or the equity securities or other equity interests having power to control or direct the management of such Person.
- (n) **“Common Stock Equivalents”** shall have the meaning set forth in Section 11(a)(iii) hereof.
- (o) **“Company”** shall have the meaning set forth in the preamble hereto, except as otherwise provided in Section 13(a) hereof.
- (p) **“Current Market Price”** shall have the meaning set forth in Section 11(d) hereof.
- (q) **“Current Value”** shall have the meaning set forth in Section 11(a)(iii) hereof.
- (r) **[Reserved.]**
- (s) **“Derivative Interest”** shall mean any derivative securities (as defined under Rule 16a-1 under the Exchange Act) that increase in value as the value of the underlying equity increases, including, but not limited to, a long convertible security, a long call option and a short put option position, in each case, regardless of whether (i) such interest conveys any voting rights in such security, (ii) such interest is required to be, or is capable of being, settled through delivery of such security or (iii) transactions hedging the economic effect of such interest.



(t) “**Distribution Date**” shall mean the Close of Business on the earlier to occur of (i) the tenth (10th) Business Day (or such later date as may be determined from time to time by action of a majority of the Board prior to the Distribution Date that would otherwise have occurred) after the Shares Acquisition Date (or, if the tenth (10th) Business Day after the Shares Acquisition Date occurs before the Record Date, then the Close of Business on the Record Date), or (ii) the tenth (10th) Business Day (or such later date as may be determined from time to time by action of a majority of the Board prior to the Distribution Date that would otherwise have occurred) after the date of the commencement of, or first public announcement of the intent of any Person (other than an Exempt Person) to commence (within the meaning of Rule 14d-2(a) of the General Rules and Regulations under the Exchange Act), following the first public announcement by the Company of the adoption of this Agreement, a tender or exchange offer, the successful consummation of which would result in any Person (other than an Exempt Person) becoming an Acquiring Person, irrespective of whether any shares are actually purchased or exchanged pursuant to such offer; provided, however, that if a tender or exchange offer is terminated prior to the occurrence of a Distribution Date, then no Distribution Date shall occur as a result of such tender or exchange offer. The Board may, if deferral is allowed in clause (i) or (ii) of the preceding sentence, defer the date set forth in such clause, as applicable, to a specified later date or an unspecified later date to be determined by a subsequent action or event.

(u) “**Equivalent Preferred Shares**” shall have the meaning set forth in Section 11(b) hereof.

(v) “**Exchange Act**” shall mean the Securities Exchange Act of 1934, as amended.

(w) “**Exchange Property**” shall have the meaning set forth in Section 24(f) hereof.

(x) “**Exchange Ratio**” shall have the meaning set forth in Section 24(a) hereof.

(y) “**Exchange Recipients**” shall have the meaning set forth in Section 24(f) hereof.

(z) “**Exempt Person**” shall mean (i) the Company, (ii) any Subsidiary of the Company, (iii) any employee stock ownership plan, employee benefit plan or other compensation program or arrangement of the Company or of any of its Subsidiaries, or any Person holding Common Shares for or pursuant to the terms of any such plan, program or arrangement or for the purpose of funding any such plan, program or arrangement, and (iv) any Person organized, appointed or established by the Company or any of its Subsidiaries for or pursuant to the terms of any such plan, program or arrangement during the time such Person acts in such capacity.

(aa) **[Reserved.]**

(bb) “**Expiration Date**” shall have the meaning set forth in Section 7(a) hereof.

(cc) “**Final Expiration Date**” shall have the meaning set forth in Section 7(a) hereof.

(dd) **“General Rules and Regulations”** shall mean Part 240, Subpart A —Rules and Regulations under the Securities Exchange Act of 1934, as amended.

(ee) **“Grandfathered Person”** shall mean any Person who or which, together with all Related Persons of such Person, would, as of the time immediately prior to the first public announcement by the Company of the adoption of this Agreement, be deemed an “Acquiring Person;” provided, however, that such Person, together with all Related Persons, shall cease to be a Grandfathered Person and shall become an Acquiring Person if, following the first public announcement by the Company of the adoption of this Agreement, such Person, together with all Related Persons, shall acquire, without the prior approval of the Board, Beneficial Ownership of any additional Common Shares (other than as a result of (i) the acquisition of Common Shares on the date of such announcement pursuant to orders placed prior to such announcement, (ii) a stock dividend, stock split, reverse stock split, subdivision or similar transaction effected by the Company in which all registered holders of Common Shares are treated substantially equally, (iii) the grant or issuance by the Company to its directors, officers and/or employees of options, warrants, rights or similar interests to acquire Common Shares by the Company pursuant to any employee benefit, stock incentive plan, stock option plan or stock ownership plan of the Company adopted by the Board, and the subsequent vesting, exercise or conversion of such options, warrants, rights or similar interests, (iv) the grant or issuance by the Company to its directors, officers and/or employees of restricted Common Shares or restricted stock units pursuant to a restricted stock or other compensation plan or arrangement adopted by the Board and/or the subsequent vesting of such shares or stock units, or (v) the acquisition of Common Shares directly from the Company) while such Person (together with all Related Persons) is the Beneficial Owner of ten percent (10%) or more of the Common Shares then outstanding.

(ff) **[Reserved.]**

(gg) **“Nasdaq”** shall mean The Nasdaq Stock Market.

(hh) **“NYSE”** shall mean the New York Stock Exchange.

(ii) **“Original Rights”** shall have the meaning set forth in Section 1(f)(ii) hereof.

(jj) **[Reserved.]**

(kk) **[Reserved.]**

(ll) **“Ownership Statements”** shall have the meaning set forth in Section 3(a) hereof.

(mm) **“Person”** shall mean any individual, firm, corporation, partnership, limited liability company, limited liability partnership, trust, association, syndicate or other entity, and shall include any successor (by merger or otherwise) of such entity.

(nn) **“Preferred Shares”** shall mean shares of Series A Junior Participating Preferred Stock, par value \$0.0001 per share, of the Company having the relative rights, preferences and limitations set forth in the form of Amended and Restated Certificate of Designation attached to this Agreement as Exhibit A, and, to the extent that there are not a sufficient number of shares of Series A Junior Participating Preferred Stock authorized to permit the full exercise of the Rights, any other series of preferred stock of the Company designated for such purpose containing terms substantially similar to the terms of the Series A Junior Participating Preferred Stock.

(oo) **“Principal Party”** shall have the meaning set forth in Section 13(b) hereof.

(pp) **“Purchase Price”** shall have the meaning set forth in Section 7(b) hereof.

(qq) **[Reserved.]**

(rr) **[Reserved.]**

(ss) **“Record Date”** shall have the meaning set forth in the recitals hereto.

(tt) **“Redemption Date”** shall have the meaning set forth in Section 7(a) hereof.

(uu) **“Redemption Period”** shall have the meaning set forth in Section 23(a) hereof.

(vv) **“Redemption Price”** shall have the meaning set forth in Section 23(a) hereof.

(ww) **“Related Person”** shall mean, as to any Person, any Affiliates or Associates of such Person.

(xx) **“Restated Certificate of Incorporation”** shall mean the Company’s Second Amended and Restated Certificate of Incorporation, as such may be further amended, modified or restated from time to time.

(yy) **“Right”** shall have the meaning set forth in the recitals to this Agreement.

(zz) **“Rights Agent”** shall have the meaning set forth in the preamble of this Agreement, except as otherwise provided in Section 19 and Section 21 hereof.

(aaa) **“Rights Certificate”** shall have the meaning set forth in Section 3(a) hereof.

(bbb) **“Rights Dividend Declaration Date”** shall have the meaning set forth in the recitals to this Agreement.

(ccc) **“SEC”** shall mean the U.S. Securities and Exchange Commission and any successor agency or instrumentality of the United States government.

(ddd) **“Section 11(a)(ii) Event”** shall have the meaning set forth in Section 11(a)(ii) hereof.

(eee) **“Section 11(a)(ii) Trigger Date”** shall have the meaning set forth in Section 11(a)(iii) hereof.

(fff) “**Section 13 Event**” shall mean any event described in Section 13(a)(i), Section 13(a)(ii) or Section 13(a)(iii) hereof.

(ggg) “**Securities Act**” shall mean the Securities Act of 1933, as amended.

(hhh) “**Shares Acquisition Date**” shall mean the first date of public announcement (which, for purposes of this definition, shall include, without limitation, the filing of a report or an amendment thereto with the SEC pursuant to the Exchange Act or pursuant to a comparable successor statute) by the Company or an Acquiring Person indicating that an Acquiring Person has become such or that discloses information which reveals the existence of an Acquiring Person; provided, however, that if a Person is determined by the Board, in its sole discretion, not to have become an Acquiring Person pursuant to Section 1(a)(ii), then no Shares Acquisition Date shall be deemed to have occurred.

(iii) [Reserved.]

(jii) [Reserved.]

(kkk) [Reserved.]

(lll) “**Spread**” shall have the meaning set forth in Section 11(a)(iii) hereof.

(mmm) “**Subsidiary**” shall mean, with reference to any Person, any corporation or other Person of which an amount of voting securities (or other ownership interests having ordinary voting power) sufficient to elect at least a majority of the directors (or other Persons performing similar functions) of such corporation or other Person is beneficially owned, directly or indirectly, by such first mentioned Person, or otherwise controlled by such first mentioned Person.

(nnn) “**Substitution Period**” shall have the meaning set forth in Section 11(a)(iii) hereof.

(ooo) “**Summary of Rights**” shall have the meaning set forth in Section 3(b) hereof.

(ppp) “**Trading Day**” shall mean a day on which the principal national securities exchange on which the Common Shares are listed or admitted to trading is open for the transaction of business or, if the Common Shares are not listed or admitted to trading on any national securities exchange, a Business Day; provided, that if such security is not listed or quoted on the NYSE or the Nasdaq and the principal market for such security is a non-U.S. securities exchange, then “Trading Day” shall mean a day on which such non-U.S. securities exchange is open for the transaction of business.

(qqq) “**Triggering Event**” shall mean a Section 11(a)(ii) Event or any Section 13 Event.

Section 2. Appointment of the Rights Agent. The Company hereby appoints the Rights Agent to act as rights agent for the Company in accordance with the express terms and conditions hereof (and not implied terms and conditions), and the Rights Agent hereby accepts such appointment. The Company may from time to time appoint such co-rights agents as it may deem necessary or desirable, upon ten (10) calendar days' prior written notice to the Rights Agent. In the event the Company appoints one or more co-rights agents, the respective duties of the Rights Agent and any co-rights agents under the provisions of this Agreement shall be as the Company reasonably determines, and the Company shall notify, in writing, the Rights Agent and any co-rights agents of such duties. The Rights Agent shall have no duty to supervise, and shall in no event be liable for, the acts or omissions of any such co-rights agent.

Section 3. Issuance of Rights Certificates.

(a) Until the Distribution Date (i) the Rights will be evidenced (subject to Section 3(b) and Section 3(c) hereof) by the certificates for the Common Shares registered in the names of the holders of the Common Shares (which certificates for Common Shares shall be deemed also to be certificates for Rights) or by the Book Entry Common Shares registered in the name of the holders, evidenced by notation in accounts reflecting current ownership statements issued with respect to uncertificated Common Shares in lieu of such certificates ("**Ownership Statements**") (which Book Entry Common Shares, including any Ownership Statements, shall be deemed also to be certificates for Rights) and not by separate certificates, and the registered holders of the Common Shares shall also be the registered holders of the associated Rights, and (ii) the Rights will be transferable only in connection with the transfer of the underlying Common Shares (including a transfer to the Company). As soon as practicable after the Distribution Date, the Company shall prepare and execute, and upon the written request of the Company, the Rights Agent shall countersign and the Company will send or cause to be sent (and the Rights Agent will, if so requested and provided with all necessary information and documents will, at the expense of the Company, send), in accordance with Section 26 hereof, to each record holder of the Common Shares as of the Close of Business on the Distribution Date (other than an Acquiring Person or any Related Person of an Acquiring Person), one or more rights certificates, in substantially the form of Exhibit B attached hereto (the "**Rights Certificates**"), evidencing one Right for each Common Share so held, subject to adjustment as provided herein. In the event that an adjustment in the number of Rights per Common Share has been made pursuant to Section 11(i) or Section 11(p) hereof, at the time of distribution of the Rights Certificates, the Company shall not be required to issue Rights Certificates evidencing fractional Rights but may, in lieu thereof, make the necessary and appropriate rounding adjustments (in accordance with Section 14(a) hereof) so that Rights Certificates evidencing only whole numbers of Rights are distributed and cash is paid in lieu of any fractional Rights. As of and after the Distribution Date, the Rights will be evidenced solely by such Rights Certificates. The Company shall promptly notify the Rights Agent in writing upon the occurrence of the Distribution Date. Until such written notice is received by the Rights Agent, the Rights Agent may presume conclusively for all purposes that the Distribution Date has not occurred.

(b) As promptly as practicable following the Record Date, the Company shall make available a copy of a Summary of Rights, in substantially the form attached hereto as Exhibit C (the "**Summary of Rights**"), to each record holder of Common Shares as of the Close of Business on the Record Date who may so request from the Company (in accordance with Section 26 hereof) a copy from time to time prior to the Expiration Date. With respect to Common Shares outstanding as of the Record Date, or issued subsequent to the Record Date, until the earlier of the Distribution Date and the Expiration Date, the Rights associated with such Common Shares will be evidenced by the certificate or Book Entry Common Shares registered in the names of the holders thereof, in each case together with the Summary of Rights. Until the earlier of the Distribution Date and the Expiration Date, the surrender for transfer of any certificate or the transfer of any Book Entry Common Shares outstanding on the Record Date, with or without a copy of the Summary of Rights, shall also constitute the transfer of the Rights associated with the Common Shares evidenced thereby.

(c) Rights shall without any further action, be issued in respect of all Common Shares that are issued (whether originally issued or from the Company's treasury) after the Record Date but prior to the earlier of the Distribution Date and the Expiration Date and, to the extent provided in Section 22 hereof, in respect of Common Shares issued after the Distribution Date. Certificates and Book Entry Common Shares evidencing such Common Shares shall have printed or otherwise affixed to them a legend in substantially the following form:

"This [certificate/statement] also evidences and entitles the registered holder hereof to certain Rights as set forth in the Rights Agreement between ADMA Biologics, Inc., a Delaware corporation (the "Company"), and Continental Stock Transfer and Trust Company, as rights agent (or any successor rights agent) (the "Rights Agent"), dated as of December 20, 2021, as the same may be amended, extended or renewed from time to time (the "Rights Agreement"), the terms of which are hereby incorporated herein by reference and a copy of which is on file at the principal executive offices of the Company. Under certain circumstances, as set forth in the Rights Agreement, such Rights will be evidenced by separate certificates and will no longer be evidenced by this [certificate/statement]. The Company will mail to the registered holder of this [certificate/statement], without charge, a copy of the Rights Agreement, as in effect on the date of mailing, promptly after receipt of a written request therefor. Under certain circumstances set forth in the Rights Agreement, Rights which are issued or transferred to, which are or have been beneficially owned by an Acquiring Person or any Related Person thereof (as such capitalized terms are defined in the Rights Agreement) or any purported subsequent holder of such Rights will become null and void and will no longer be transferable. The Rights shall not be exercisable, and shall be void so long as held, by a holder in any jurisdiction where the requisite qualification to the issuance to such holder, or the exercise by such holder, of the Rights in such jurisdiction shall not have been obtained or be obtainable."

With respect to any Book Entry Common Share, such legend shall be included in the Ownership Statement in respect of such Common Share or in a notice to the record holder of such Common Share in accordance with applicable law. With respect to such certificates or Ownership Statements containing the foregoing legend, until the earlier of the Distribution Date and the Expiration Date, the Rights associated with the Common Shares evidenced by such certificates or Book Entry Common Shares shall be evidenced by such certificates or such Book Entry Common Shares (including any Ownership Statements) alone and the surrender for transfer of any certificate or transfer of any Book Entry Common Share shall also constitute the transfer of the Rights associated with the Common Shares evidenced thereby. Notwithstanding this Section 3(c) or anything to the contrary that may be contained elsewhere in this Agreement, neither the failure to print the foregoing legend on any certificates representing Common Shares or any defect that may be contained in the legend that is so printed, nor the failure to provide the notice thereof to the holder of any Book Entry Shares, shall affect the enforceability of any part of this Agreement or the rights of any holder of the Rights. In the event the Company purchases or otherwise acquires any Common Shares after the Record Date but prior to the Distribution Date, any Rights associated with such Common Shares shall be deemed cancelled and retired so that the Company shall not be entitled to exercise any Rights associated with such Common Shares that are no longer outstanding. In the event that any Common Shares are not represented by certificates, references in this Agreement to certificates shall be deemed to refer to the notations in the book entry accounts reflecting ownership of such shares.

After the Record Date but prior to the earlier of the Distribution Date and the Expiration Date, if new certificate(s) representing Common Shares are issued in connection with the transfer, split-up, combination or exchange of certificate(s) representing Common Shares or if new certificate(s) representing Common Shares are issued to replace any certificate(s) that have been mutilated, destroyed, lost, or stolen, then such new certificate(s) shall bear a legend in substantially the form of the foregoing.

Section 4. Form of Rights Certificates.

(a) The Rights Certificates (and the forms of election to purchase and of assignment and the certificates contained therein to be printed on the reverse thereof) shall each be substantially in the form attached hereto as Exhibit B and may have such marks of identification or designation and such legends, summaries or endorsements printed thereon as the Company may deem appropriate (but which do not affect the rights, duties, liabilities or responsibilities of the Rights Agent) and as are not inconsistent with the provisions of this Agreement, or as may be required to comply with any applicable law or with any rule or regulation made pursuant thereto or with any law, rule or regulation of any national securities exchange on which the Rights may from time to time be listed, or to conform to usage. Subject to the provisions of Section 22 hereof, the Rights Certificates, whenever distributed, shall be dated as of the Record Date and on their face shall entitle the registered holders thereof to purchase such number of one one-thousandths of a Preferred Share as shall be set forth therein at the Purchase Price, but the amount and type of securities, cash or other assets that may be acquired upon the exercise of each Right and the Purchase Price thereof shall be subject to adjustment as provided in this Agreement.

(b) Any Rights Certificate issued pursuant hereto that represents Rights beneficially owned by: (i) an Acquiring Person or any Related Person of an Acquiring Person, (ii) a transferee of an Acquiring Person (or of any such Related Person) who becomes a transferee after the Acquiring Person becomes such, or (iii) a transferee of an Acquiring Person (or of any such Related Person) who becomes a transferee prior to or concurrently with the Acquiring Person becoming such and receives such Rights pursuant to either (A) a transfer (whether or not for consideration) from the Acquiring Person (or any such Related Person) to holders of equity interests in such Acquiring Person or to any Person with whom such Acquiring Person has any continuing agreement, arrangement or understanding (whether or not in writing) regarding the transferred Rights, or (B) a transfer which the Board, in its sole discretion, has determined is part of a plan, arrangement or understanding which has as a primary purpose or effect the avoidance of Section 7(e) hereof, and any Rights Certificate issued pursuant to Section 6 or Section 11 hereof upon transfer, exchange, replacement or adjustment of any other Rights Certificate referred to in this sentence, shall contain (to the extent feasible, and only if the Company has provided specific written instructions to the Rights Agent) a legend in substantially the following form:

“The Rights evidenced by this Rights Certificate are or were beneficially owned by a Person who was or became an Acquiring Person or a Related Person of an Acquiring Person (as such capitalized terms are defined in the Rights Agreement by and between ADMA Biologics, Inc., a Delaware corporation, and Continental Stock Transfer and Trust Company, as Rights Agent (or any successor rights agent), dated as of December 20, 2021, as the same may be amended, extended or renewed from time to time (the “Rights Agreement”)). Accordingly, this Rights Certificate and the Rights evidenced hereby may become null and void in the circumstances specified in Section 7(e) of the Rights Agreement and may no longer be transferable.”

The Company shall give written notice to the Rights Agent promptly after it becomes aware of the existence and identity of any Acquiring Person or any Related Person thereof. Until such notice is received by the Rights Agent, the Rights Agent may presume conclusively for all purposes that no Person has become an Acquiring Person or a Related Person of an Acquiring Person. The Company shall instruct the Rights Agent in writing of the Rights which should be so legended.

Notwithstanding this Section 4(b) or anything to the contrary that may be contained elsewhere in this Agreement, the omission of the foregoing legend or any legend substantially similar thereto shall not affect the enforceability of any part of this Agreement or the rights of any registered holder of Rights Certificates.

Section 5. Countersignature and Registration.

(a) The Rights Certificates shall be duly executed on behalf of the Company by its Chairman of the Board and Principal Executive Officer, or any Vice President and the Principal Financial Officer, or the Secretary or an Assistant Secretary, either manually or by facsimile or portable document format signature. The Rights Certificates shall be countersigned by an authorized signatory of the Rights Agent, either manually or by facsimile or portable document format signature, and shall not be valid for any purpose unless so countersigned. In case any officer of the Company who shall have signed any of the Rights Certificates shall cease to be such officer of the Company before countersignature by an authorized signatory of the Rights Agent and issuance and delivery by the Company, such Rights Certificates, nevertheless, may be countersigned by an authorized signatory of the Rights Agent and issued and delivered by the Company with the same force and effect as though the Person who signed such Rights Certificates had not ceased to be such officer of the Company; and any Rights Certificates may be signed on behalf of the Company by any Person who, at the actual date of the execution of such Rights Certificate, shall be a proper officer of the Company to sign such Rights Certificate, although at the date of the execution of this Agreement any such Person was not such an officer.



(b) Following the Distribution Date, and receipt by the Rights Agent of written notice to that effect and all other relevant and necessary information and documents referred to in Section 3(a), the Rights Agent will keep, or cause to be kept, at its office or offices designated as the appropriate place for surrender of Rights Certificates upon exercise or transfer, books for registration and transfer of the Rights Certificates issued hereunder. Such books shall show the names and addresses of the respective holders of the Rights Certificates, the number of Rights evidenced on its face by each of the Rights Certificates, and the date of each of the Rights Certificates.

Section 6. Transfer, Split-Up, Combination, and Exchange of Rights Certificates: Mutilated, Destroyed, Lost or Stolen Rights Certificates

(a) Subject to the provisions of Section 4(b), Section 7(e) and Section 14 hereof, at any time after the Close of Business on the Distribution Date, and at or prior to the Close of Business on the Expiration Date, any Rights Certificate or Rights Certificates (other than Rights Certificates representing Rights that have become null and void pursuant to Section 7(e) hereof, or evidencing Rights that have been redeemed or exchanged pursuant to Section 23 or Section 24 hereof) may be transferred, split-up, combined or exchanged for another Rights Certificate or Rights Certificates, entitling the registered holder to purchase a like number of one one-thousandths of a Preferred Share (or, following the occurrence of a Triggering Event, Common Shares, other securities, cash or other assets, as the case may be) as the Rights Certificate or Rights Certificates surrendered then entitles such holder (or former holder in the case of a transfer) to purchase. Any registered holder desiring to transfer, split-up, combine or exchange any Rights Certificate or Rights Certificates shall make such request in writing delivered to the Rights Agent, and shall surrender, together with any required form of assignment duly executed and properly completed, the Rights Certificate or Rights Certificates to be transferred, split-up, combined, or exchanged, with the form of assignment and certificate contained therein properly completed and duly executed and with all signatures guaranteed and any other such documentation that the Rights Agent shall reasonably request, at the office or offices of the Rights Agent designated for such purpose. The Rights Certificates are transferable only on the registry books of the Rights Agent. Neither the Rights Agent nor the Company shall be obligated to take any action whatsoever with respect to the transfer of any such surrendered Rights Certificate until the registered holder shall have: (i) properly completed and duly executed the certificate contained in the form of assignment on the reverse side of such Rights Certificate; (ii) provided such additional evidence of the identity of the Beneficial Owner (or former Beneficial Owner) of the Rights represented by such Rights Certificate or Related Persons thereof as the Company or the Rights Agent shall reasonably request; and (iii) paid a sum sufficient to cover any tax or charge that may be imposed in connection with any transfer, split up, combination or exchange of Rights Certificates as required by Section 9(e) hereof. Thereupon the Rights Agent shall, subject to Section 4(b), Section 7(e), Section 14 and Section 24 hereof, countersign and deliver to the Person entitled thereto a Rights Certificate or Rights Certificates, as the case may be, as so requested. The Company may require payment from a registered holder of a Rights Certificate of a sum sufficient to cover any tax or governmental charge that may be imposed in connection with any transfer, split-up, combination, or exchange of Rights Certificates. If and to the extent the Company does require payment of any such taxes or charges, the Company shall give the Rights Agent prompt written notice thereof and the Rights Agent shall not deliver any Rights Certificate unless and until it is satisfied that all such payments have been made, and the Rights Agent shall forward any such sum collected by it to the Company or to such Persons as the Company specifies by written notice. The Rights Agent shall have no duty or obligation to take any action with respect to a holder of a Rights Certificate under any Section of this Agreement which requires the payment by such holder of a Rights Certificate of applicable taxes and/or charges unless and until it is satisfied that all such taxes and/or charges have been paid.

(b) Subject to the provisions of this Agreement, at any time after the Distribution Date and prior to the Expiration Date, upon receipt by the Company and the Rights Agent of evidence reasonably satisfactory to them of the loss, theft, destruction or mutilation of a Rights Certificate, and, in the case of loss, theft or destruction, of indemnity or security reasonably satisfactory to them, and reimbursement to the Company and the Rights Agent of all reasonable expenses incidental thereto, and upon surrender to the Rights Agent and cancellation of the Rights Certificate, if mutilated, the Company will execute and deliver a new Rights Certificate of like tenor to the Rights Agent for countersignature and delivery to the registered holder in lieu of the Rights Certificate so lost, stolen, destroyed or mutilated.

Section 7. Exercise of Rights; Purchase Price; Expiration Date of Rights.

(a) Subject to Section 7(e) hereof or as otherwise provided in this Agreement, at any time after the Distribution Date the registered holder of any Rights Certificate may exercise the Rights evidenced thereby (except as otherwise provided herein including, without limitation, the restrictions on exercisability set forth in Section 9(c), Section 11(a)(iii), and Section 23(a) hereof) in whole or in part upon surrender of the Rights Certificate, with the form of election to purchase and the certificate contained therein properly completed and duly executed, to the Rights Agent at the office or offices of the Rights Agent designated for such purpose, accompanied by a signature guarantee and such other documentation as the Rights Agent may reasonably request, together with payment of the aggregate Purchase Price with respect to the total number of one one-thousandths of a Preferred Share (or, following the occurrence of a Triggering Event, Common Shares, other securities, cash or other assets, as the case may be) as to which such surrendered Rights are then exercisable, at or prior to the earliest of (i) the Close of Business on June 15, 2022 (the "**Final Expiration Date**"), (ii) the time at which the Rights are redeemed as provided in Section 23 hereof (the "**Redemption Date**"), and (iii) the time at which the Rights are exchanged in full as provided in Section 24 hereof (the earliest of (i), (ii), and (iii) being herein referred to as the "**Expiration Date**"). Except for those provisions herein that expressly survive the termination of this Agreement, this Agreement shall terminate at such time as the Rights are no longer exercisable hereunder.

(b) The purchase price for each one one-thousandth of a Preferred Share pursuant to the exercise of a Right initially shall be \$8.00, shall be subject to adjustment from time to time as provided in Section 11 and Section 13(a) hereof, and shall be payable in accordance with Section 7(c) hereof (such purchase price, as so adjusted, the "**Purchase Price**").

(c) Upon receipt of a Rights Certificate evidencing exercisable Rights, with the form of election to purchase and the certificate contained therein properly completed and duly executed, accompanied by payment, with respect to each Right so exercised, of the Purchase Price (as such amount may be adjusted as provided herein) per one one-thousandth of a Preferred Share (or, following the occurrence of a Triggering Event, Common Shares, other securities, cash or other assets, as the case may be) to be purchased as set forth below and an amount equal to any applicable tax or charge, the Rights Agent shall, subject to Section 7(f) and Section 20(k) hereof, thereupon promptly (i) (A) requisition from any transfer agent of the Preferred Shares (or make available, if the Rights Agent is the transfer agent for such shares) certificates for the total number of one one-thousandths of a Preferred Share to be purchased and the Company hereby irrevocably authorizes its transfer agent to comply with all such requests, or (B) if, subject to Section 14 hereof, the Company shall have elected to deposit the total number of Preferred Shares issuable upon exercise of the Rights hereunder with a depository agent, requisition from the depository agent of depository receipts evidencing such number of one one-thousandths of a Preferred Share as are to be purchased (in which case certificates for the Preferred Shares evidenced by such receipts shall be deposited by the transfer agent with the depository agent) and the Company will direct the depository agent to comply with such request, (ii) if necessary to comply with this Agreement, requisition from the Company the amount of cash, if any, to be paid in lieu of fractional shares in accordance with Section 14 hereof, (iii) after receipt of such certificates or depository receipts, subject to Section 7(f) below, cause the same to be delivered to or upon the order of the registered holder of such Rights Certificate, registered in such name or names as may be designated by such holder, and (iv) if necessary to comply with this Agreement, after receipt thereof, subject to Section 7(f) below, deliver such cash, if any, to or upon the order of the registered holder of such Rights Certificate. The payment of the Purchase Price (as such amount may be reduced pursuant to Section 11(a)(iii) hereof) shall be made in cash or by certified bank check or bank draft payable to the order of the Company. In the event that the Company is obligated to issue other securities (including Common Shares) of the Company, pay cash or distribute other property pursuant to Section 11(a) hereof, the Company will make all arrangements necessary so that such other securities, cash or other property are available for distribution by the Rights Agent, if and when necessary to comply with this Agreement, and until so received, the Rights Agent shall have no duties or obligations with respect to such securities, cash and/or other property. The Company reserves the right to require prior to the occurrence of a Triggering Event that, upon any exercise of Rights, a number of Rights be exercised so that only whole Preferred Shares would be issued.

(d) In case the registered holder of any Rights Certificate shall exercise less than all the Rights evidenced thereby, a new Rights Certificate evidencing the Rights remaining unexercised shall be issued by the Rights Agent and delivered to, or upon the order of, the registered holder of such Rights Certificate, registered in such name or names as may be designated by such holder, subject to the provisions of Section 6 and Section 14 hereof.

(e) Notwithstanding anything in this Agreement to the contrary, from and after the first occurrence of a Section 11(a)(ii) Event, any Rights beneficially owned by (i) an Acquiring Person or a Related Person of an Acquiring Person, (ii) a transferee of an Acquiring Person (or of any Related Person thereof) who becomes a transferee after the Acquiring Person becomes such, or (iii) a transferee of an Acquiring Person (or of any Related Person thereof) who becomes a transferee prior to or concurrently with the Acquiring Person becoming such and receives such Rights pursuant to either (A) a transfer (whether or not for consideration) from the Acquiring Person (or any such Related Person) to holders of equity interests in such Acquiring Person (or any such Related Person) or to any Person with whom the Acquiring Person (or any such Related Person) has any continuing agreement, arrangement or understanding (whether or not in writing) regarding the transferred Rights or (B) a transfer that the Board, in its sole discretion, has determined is part of a plan, arrangement or understanding (whether or not in writing) that has as a primary purpose or effect the avoidance of this Section 7(e), shall become null and void without any further action and no holder of such Rights shall have any rights whatsoever with respect to such Rights, whether under any provision of this Agreement, the Rights Certificates or otherwise. The Company shall notify the Rights Agent when this Section 7(e) applies and shall use all reasonable efforts to ensure that the provisions of this Section 7(e) and Section 4(b) hereof are complied with, but neither the Company nor the Rights Agent shall have any liability to any holder of Rights Certificates or any other Person as a result of its failure to make any determinations with respect to an Acquiring Person or any of its Related Persons or transferees hereunder.

(f) Notwithstanding anything in this Agreement or any Rights Certificate to the contrary, neither the Rights Agent nor the Company shall be obligated to undertake any action with respect to a registered holder of a Rights Certificate upon the occurrence of any purported exercise as set forth in this Section 7 unless such registered holder shall have (i) properly completed and duly executed the certificate contained in the form of election to purchase set forth on the reverse side of the Rights Certificate surrendered for such exercise, and (ii) provided such additional evidence of the identity of the Beneficial Owner (or Related Persons thereof) or former Beneficial Owner (or Related Persons thereof) of the Rights represented by the Rights Certificate as the Company or the Rights Agent shall reasonably request.

Section 8. Cancellation and Destruction of Rights Certificates. All Rights Certificates surrendered for the purpose of exercise, transfer, split-up, combination or exchange shall, if surrendered to the Company or any of its agents, be delivered to the Rights Agent for cancellation or in cancelled form, or, if surrendered to the Rights Agent, shall be cancelled by it, and no Rights Certificates shall be issued in lieu thereof except as expressly permitted by any of the provisions of this Agreement. The Company shall deliver to the Rights Agent for cancellation and retirement, and the Rights Agent shall so cancel and retire, any other Rights Certificate purchased or acquired by the Company otherwise than upon the exercise thereof. The Rights Agent shall deliver all cancelled Rights Certificates to the Company, or shall, at the written request of the Company, destroy or cause to be destroyed such cancelled Rights Certificates, and in such case shall deliver a certificate of destruction thereof to the Company.

Section 9. Reservation and Availability of Capital Stock.

(a) The Company covenants and agrees that at all times prior to the Expiration Date it will cause to be reserved and kept available out of its authorized and unissued Preferred Shares (and, following the occurrence of a Triggering Event, out of its authorized and unissued Common Shares or other securities as may be issuable upon exercise of the Rights and/or out of its securities held in treasury, as the case may be), the number of Preferred Shares (and, following the occurrence of a Triggering Event, to the extent reasonably practicable, Common Shares or other securities, as the case may be) that, as provided in this Agreement, including, but not limited to, Section 11(a)(iii) hereof, will be sufficient to permit the exercise in full of all of the outstanding Rights. Upon the occurrence of any events resulting in an increase in the aggregate number of Preferred Shares (or other equity securities of the Company) issuable upon exercise of all outstanding Rights above the number then reserved, the Company shall make appropriate increases in the number of shares so reserved.

(b) So long as the Preferred Shares (and, following the occurrence of a Triggering Event, Common Shares or other securities, as the case may be) issuable and deliverable upon the exercise of the Rights may be listed on any national securities exchange or quoted on a quotation system, the Company shall use its best efforts to cause, from and after such time as the Rights become exercisable through the Expiration Date, all shares reserved for such issuance to be listed on such exchange or quoted on such quotation system, as the case may be, upon official notice of issuance upon such exercise.

(c) The Company shall use its best efforts to (i) file, as soon as practicable following the earliest date after the first occurrence of a Section 11(a)(ii) Event on which the consideration to be delivered by the Company upon exercise of the Rights has been determined in accordance with Section 11(a) hereof, a registration statement on an appropriate form under the Act, with respect to the securities purchasable upon exercise of the Rights, (ii) cause such registration statement to become effective as soon as practicable after such filing, and (iii) cause such registration statement to remain effective (with a prospectus at all times meeting the requirements of the Act) until the earlier of (A) the date as of which the Rights are no longer exercisable for such securities, and (B) the Expiration Date. The Company will also take such action as may be appropriate under, or to ensure compliance with, the securities or “blue sky” laws of the various states in connection with the exercisability of the Rights. The Company may temporarily suspend, for a period of time not to exceed ninety (90) calendar days after the date set forth in clause (i) of the first sentence of this Section 9(c), the exercisability of the Rights in order to prepare and file such registration statement and permit it to become effective. Upon any such suspension, the Company shall issue a public announcement (with prompt written notice thereof to the Rights Agent; and until such written notice is received by the Rights Agent, the Rights Agent may presume conclusively that no such suspension has occurred) stating that the exercisability of the Rights has been temporarily suspended, as well as a public announcement at such time as the suspension is no longer in effect (with prompt written notice thereof to the Rights Agent; and until such written notice is received by the Rights Agent, the Rights Agent may presume conclusively that such suspension is still in effect). In addition, if the Company shall determine that a registration statement is required following the Distribution Date, the Company similarly may temporarily suspend the exercisability of the Rights until such time as a registration statement has been declared effective. Notwithstanding any provision of this Agreement to the contrary, the Rights shall not be exercisable in any jurisdiction if the requisite qualification in such jurisdiction shall not have been obtained, the exercise thereof shall not be permitted under applicable law, or a registration statement shall not have been declared effective.

(d) The Company covenants and agrees that it will take all such action as may be necessary to ensure that all one one-thousandths of a Preferred Share (and, following the occurrence of a Triggering Event, Common Shares or other securities, as the case may be) delivered upon exercise of the Rights shall, at the time of delivery of the certificates or depositary receipts for such shares (subject to payment of the Purchase Price), be duly and validly authorized and issued and fully paid and nonassessable.

(e) The Company further covenants and agrees that it will pay when due and payable any and all federal and state taxes and charges that may be payable in respect of the issuance or delivery of the Rights Certificates and of any certificates, entries in the book entry account system of the transfer agent, or depository receipts for a number of one one-thousandths of a Preferred Share (or, following the occurrence of a Triggering Event, Common Shares or other securities, cash or other assets, as the case may be) upon the exercise of Rights. The Company shall not, however, be required to pay any tax or charge that may be payable in respect of any transfer or delivery of Rights Certificates or depository receipts or entries in the book entry account system of the transfer agent to a Person other than, or the issuance or delivery of a number of one one-thousandths of a Preferred Share (or, following the occurrence of a Triggering Event, Common Shares or other securities, cash or other assets, as the case may be) in a name other than that of the registered holder of the Rights Certificates evidencing Rights surrendered for exercise or to issue or deliver any certificates or depository receipts or entries in the book entry account system of the transfer agent for a number of one one-thousandths of a Preferred Share (or, following the occurrence of a Triggering Event, Common Shares or other securities, cash or other assets as the case may be) in a name other than that of the registered holder upon the exercise of any Rights until such tax or charge shall have been paid (any such tax or charge being payable by the registered holder of such Rights Certificates at the time of surrender) or until it has been established to the Company's or to the Rights Agent's satisfaction that no such tax or charge is due.

Section 10. Preferred Shares Record Date. Each Person in whose name any certificate or entry in the book entry account system of the transfer agent for a number of one one-thousandths of a Preferred Share (or, following the occurrence of a Triggering Event, Common Shares or other securities, cash or other assets, as the case may be) is issued upon the exercise of Rights shall for all purposes be deemed to have become the holder of record of such fractional Preferred Shares (or, following the occurrence of a Triggering Event, Common Shares or other securities, cash, or other assets as the case may be) evidenced thereby on, and such certificate or entry shall be dated, the date upon which the Rights Certificate evidencing such Rights was duly surrendered and payment of the Purchase Price (and all applicable taxes and governmental charges) was made; provided, however, that, if the date of such surrender and payment is a date upon which the Preferred Shares (or, following the occurrence of a Triggering Event, Common Shares or other securities, cash or other assets, as the case may be) transfer books of the Company are closed, such Person shall be deemed to have become the record holder of such shares (fractional or otherwise) on, and such certificate or entry shall be dated, the next succeeding Business Day on which the Preferred Shares (or, following the occurrence of a Triggering Event, Common Shares or other securities, cash, or other assets as the case may be) transfer books of the Company are open and, provided, further, that if delivery of the Preferred Shares is delayed pursuant to Section 9(c), when such Preferred Shares first become deliverable. Prior to the exercise of the Rights evidenced thereby, the registered holder of a Rights Certificate, as such, shall not be entitled to any rights of a stockholder of the Company with respect to shares for which the Rights shall be exercisable, including, without limitation, the right to vote, to receive dividends or other distributions, or to exercise any preemptive rights, and shall not be entitled to receive any notice of any proceedings of the Company, except as provided herein.

Section 11. Adjustment of Purchase Price, Number and Kind of Shares, or Number of Rights. The Purchase Price, the number and kind of shares, or fractions thereof, purchasable upon exercise of each Right, and the number of Rights outstanding are subject to adjustment from time to time as provided in this Section 11.

(a) (i) In the event the Company shall at any time after the first public announcement by the Company of the adoption of this Agreement (A) declare or pay a dividend on the Preferred Shares payable in Preferred Shares, (B) subdivide or split the outstanding Preferred Shares, (C) combine or consolidate the outstanding Preferred Shares into a smaller number of shares, or (D) issue any shares of its capital stock in a reclassification of the Preferred Shares (including any such reclassification in connection with a consolidation or merger in which the Company is the continuing or surviving corporation), except as otherwise provided in this Section 11(a) and Section 7(e) hereof, the Purchase Price in effect at the time of the record date for such dividend or of the effective date of such subdivision, split, combination, consolidation, or reclassification, and the number and kind of Preferred Shares or fractions thereof (or other capital stock, as the case may be), issuable on such date, shall be proportionately adjusted so that the registered holder of any Right exercised after such time shall be entitled to receive, upon payment of the Purchase Price then in effect, the aggregate number and kind of Preferred Shares or fractions thereof (or other capital stock, as the case may be), which, if such Right had been exercised immediately prior to such date (whether or not such Right was then exercisable) and at a time when the Preferred Share (or other capital stock, as the case may be) transfer books of the Company were open, such holder would have owned upon such exercise and been entitled to receive by virtue of such dividend, subdivision, split, combination, consolidation, or reclassification. If an event occurs that would require an adjustment under both this Section 11(a)(i) and Section 11(a)(ii) hereof, the adjustment provided for in this Section 11(a)(i) shall be in addition to, and shall be made prior to, any adjustment required pursuant to Section 11(a)(ii) hereof.

(ii) In the event any Person shall become an Acquiring Person (a "**Section 11(a)(ii) Event**"), then, promptly following the occurrence of such Section 11(a)(ii) Event, proper provision shall be made so that, upon expiration of the Redemption Period and subject to Section 23 hereof, each registered holder of a Right (except as provided below in Section 11(a)(iii) and in Sections 7(e), 13 and 24 hereof) shall thereafter have the right to receive, upon exercise thereof at the then current Purchase Price in accordance with the terms of this Agreement, in lieu of a number of one one-thousandths of a Preferred Share, such number of Common Shares of the Company as shall equal the result obtained by (A) multiplying the then current Purchase Price by the then number of one one-thousandths of a Preferred Share for which a Right was exercisable immediately prior to the first occurrence of a Section 11(a)(ii) Event, and (B) dividing that product (which, following such first occurrence, shall thereafter be referred to as the "**Purchase Price**" for each Right and for all purposes of this Agreement) by fifty percent (50%) of the Current Market Price per Common Share on the date of such first occurrence (such number of shares, the "**Adjustment Shares**").

(iii) In the event that (A) the number of Common Shares authorized by the Restated Certificate of Incorporation, but not outstanding or reserved for issuance for purposes other than upon exercise of the Rights, is not sufficient to permit the exercise in full of the Rights in accordance with Section 11(a)(ii) hereof or (B) the Board otherwise shall determine to do so in its sole discretion, the Company, acting by resolution of the Board, shall (1) determine the value of the Adjustment Shares issuable upon the exercise of a Right (the “**Current Value**”), and (2) with respect to each Right (subject to Section 7(e) hereof), make adequate provision to substitute for the Adjustment Shares, upon the exercise of such Right and payment of the applicable Purchase Price, (u) cash, (v) a reduction in the Purchase Price, (w) Common Shares or other equity securities of the Company (including, without limitation, shares, or units of shares, of preferred stock, such as the Preferred Shares, which the Board has deemed to have essentially the same value or economic rights as Common Shares (such shares of preferred stock being referred to as “**Common Stock Equivalents**”), (x) debt securities of the Company, (y) other assets, or (z) any combination of the foregoing, having an aggregate value equal to the Current Value, where such aggregate value has been determined by the Board based upon the advice of a nationally recognized investment banking firm selected by the Board; provided, however, that, if, under the circumstances set forth in clause (A) above, the Company shall not have made adequate provision to deliver value pursuant to clause (2) above within thirty (30) calendar days following the later of (I) the first occurrence of a Section 11(a)(ii) Event and (II) the date on which the Company’s right of redemption pursuant to Section 23(a) hereof expires (the later of (I) and (II) being referred to herein as the “**Section 11(a)(ii) Trigger Date**”), then the Company shall be obligated to deliver, upon the surrender for exercise of a Right and without requiring payment of the Purchase Price, Common Shares (to the extent available) and then, if necessary, cash, which shares and cash have an aggregate value equal to the Spread. For purposes of the preceding sentence, the term “**Spread**” shall mean the excess of the Current Value over the Purchase Price. If the Board determines in good faith that it is likely that sufficient additional Common Shares could be authorized for issuance upon exercise in full of the Rights, the thirty (30) calendar day period set forth above may be extended to the extent necessary, but not more than ninety (90) calendar days after the Section 11(a)(ii) Trigger Date, in order that the Company may seek stockholder approval for the authorization of such additional shares (such thirty (30) calendar day period, as it may be extended, is herein called the “**Substitution Period**”). To the extent that action is to be taken pursuant to the first or third sentences of this Section 11(a)(iii), the Company shall provide, subject to Section 7(e) hereof, that such action shall apply uniformly to all outstanding Rights, and the Company may suspend the exercisability of the Rights until the expiration of the Substitution Period in order to seek such stockholder approval for such authorization of additional shares or to decide the appropriate form of distribution to be made pursuant to such first sentence and to determine the value thereof. In the event of any such suspension, the Company shall issue a public announcement (with prompt written notice thereof to the Rights Agent) stating that the exercisability of the Rights has been temporarily suspended, as well as a public announcement (with prompt written notice thereof to the Rights Agent) at such time as the suspension is no longer in effect. For purposes of this Section 11(a)(iii), the value of each Adjustment Share shall be the Current Market Price per Common Share on the Section 11(a)(ii) Trigger Date and the per share or per unit value of any Common Stock Equivalent shall be deemed to equal the Current Market Price per Common Share on such date.



(b) In case the Company shall fix a record date for the issuance of rights, options, or warrants to all registered holders of Preferred Shares entitling them to subscribe for or purchase (for a period expiring within forty-five (45) calendar days after such record date) Preferred Shares (or shares having the same rights, privileges and preferences as the Preferred Shares (“**Equivalent Preferred Shares**”)) or securities convertible into Preferred Shares or Equivalent Preferred Shares at a price per Preferred Share or Equivalent Preferred Share (or having a conversion price per share, if a security convertible into Preferred Shares or Equivalent Preferred Shares) less than the Current Market Price per Preferred Share on such record date, the Purchase Price to be in effect after such record date shall be determined by multiplying the Purchase Price in effect immediately prior to such record date by a fraction, the numerator of which shall be the number of Preferred Shares outstanding on such record date, plus the number of Preferred Shares that the aggregate offering price of the total number of Preferred Shares or Equivalent Preferred Shares so to be offered (or the aggregate initial conversion price of the convertible securities so to be offered) would purchase at such Current Market Price, and the denominator of which shall be the number of Preferred Shares outstanding on such record date plus the number of additional Preferred Shares or Equivalent Preferred Shares to be offered for subscription or purchase (or into which the convertible securities so to be offered are initially convertible). In case such subscription price may be paid by delivery of consideration, part or all of which may be in a form other than cash, the value of such consideration shall be as determined in good faith by the Board, whose determination shall be described in a statement filed with the Rights Agent and shall be binding and conclusive for all purposes on the Rights Agent and the holders of the Rights. Preferred Shares owned by or held for the account of the Company shall not be deemed outstanding for the purpose of any such computation. Such adjustments shall be made successively whenever such a record date is fixed, and in the event that such rights, options, or warrants are not so issued, the Purchase Price shall be adjusted to be the Purchase Price that would then be in effect if such record date had not been fixed.

(c) In case the Company shall fix a record date for a distribution to all registered holders of Preferred Shares (including any such distribution made in connection with a consolidation or merger in which the Company is the continuing or surviving corporation) of cash (other than a regular cash dividend out of the earnings or retained earnings of the Company), assets (other than a dividend payable in Preferred Shares, but including any dividend payable in stock other than Preferred Shares) or evidences of indebtedness, or of subscription rights or warrants (excluding those referred to in Section 11(b) hereof), the Purchase Price to be in effect after such record date shall be determined by multiplying the Purchase Price in effect immediately prior to such record date by a fraction, the numerator of which shall be the Current Market Price per Preferred Share on such record date, less the fair market value (as determined in good faith by the Board, whose determination shall be described in a statement filed with the Rights Agent and shall be binding and conclusive for all purposes) of the portion of the cash, assets or evidences of indebtedness so to be distributed, or of such subscription rights or warrants applicable to a Preferred Share, and the denominator of which shall be such Current Market Price per Preferred Share. Such adjustments shall be made successively whenever such a record date is fixed, and in the event that such distribution is not so made, the Purchase Price shall be adjusted to be the Purchase Price that would then be in effect if such record date had not been fixed.

(d) (i) For the purpose of any computation hereunder, other than computations made pursuant to Section 11(a)(iii) hereof, the “**Current Market Price**” per Common Share on any date shall be deemed to be the average of the daily Closing Prices per Common Share for the thirty (30) consecutive Trading Days immediately prior to such date, and for purposes of computations made pursuant to Section 11(a)(iii) hereof, the “**Current Market Price**” per Common Share on any date shall be deemed to be the average of the daily Closing Prices per Common Share for the ten (10) consecutive Trading Days immediately following such date; provided, however, that in the event that the Current Market Price per Common Share is determined during a period following the announcement by the issuer of such Common Share of (A) a dividend or distribution on such Common Shares payable in Common Shares or securities convertible into such Common Shares (other than the Rights), or (B) any subdivision, combination, consolidation, reverse stock split or reclassification of such Common Shares, and the ex-dividend date for such dividend or distribution, or the record date for such subdivision, combination, consolidation, reverse stock split or reclassification shall not have occurred prior to the commencement of the requisite thirty (30) Trading Day or ten (10) Trading Day period, as set forth above, then, and in each such case, the Current Market Price shall be properly adjusted to take into account ex-dividend trading. The Closing Price for each day shall be the last sale price, regular way, or, in case no such sale takes place on such day, the average of the closing bid and asked prices, regular way, in either case as reported in the principal consolidated transaction reporting system with respect to securities listed or admitted to trading on the Nasdaq or, if the Common Shares are not listed or admitted to trading on the Nasdaq, as reported in the principal consolidated transaction reporting system with respect to securities listed on the principal national securities exchange on which the Common Shares are listed or admitted to trading or, if the Common Shares are not listed or admitted to trading on any national securities exchange, the last quoted price or, if not so quoted, the average of the high bid and low asked prices in the over-the-counter market, as reported on a quotation system then in use, or, if on any such date the Common Shares are not so quoted, the average of the closing bid and asked prices as furnished by a professional market maker making a market in the Common Shares selected by the Board. If on any such date the Common Shares are not publicly held and are not so listed, admitted to trading, or quoted, and no market maker is making a market in the Common Shares, the “**Current Market Price**” per Common Share shall mean the fair value per share on such date as determined in good faith by the Board, which determination shall be described in a statement filed with the Rights Agent and shall be binding and conclusive for all purposes on the Rights Agent and the holders of the Rights.

(ii) For the purpose of any computation hereunder, the “**Current Market Price**” per Preferred Share shall be determined in the same manner as set forth above for the Common Shares in Section 11(d)(i) hereof (other than the penultimate sentence thereof). If the Current Market Price per Preferred Share cannot be determined in the manner provided above or if the Preferred Shares are not publicly held or listed, admitted to trading, or quoted in a manner described in Section 11(d)(i) hereof, the Current Market Price per Preferred Share shall be conclusively deemed to be an amount equal to 1,000 (as such number may be appropriately adjusted for such events as stock splits, stock dividends and recapitalizations with respect to the Common Shares occurring after the first public announcement by the Company of the adoption of this Agreement) multiplied by the Current Market Price per Common Share. If neither the Common Shares nor the Preferred Shares are publicly held or listed, admitted to trading, or quoted, the “**Current Market Price**” per Preferred Share shall mean the fair value per share as determined in good faith by a majority of the Board, whose determination shall be described in a statement filed with the Rights Agent and shall be binding and conclusive for all purposes on the Rights Agent and the holders of the Rights. For all purposes of this Agreement, the Current Market Price of one one-thousandth of a Preferred Share shall be equal to the Current Market Price of one Preferred Share divided by 1,000.

(e) Anything herein to the contrary notwithstanding, no adjustment in the Purchase Price shall be required unless such adjustment would require an increase or decrease of at least one percent (1%) in the Purchase Price; provided, however, that any adjustments which by reason of this Section 11(e) are not required to be made shall be carried forward and taken into account in any subsequent adjustment. All calculations under this Section 11 shall be made to the nearest cent or to the nearest thousandth of a Common Share or other share or one-millionth of a Preferred Share, as the case may be.

(f) If as a result of an adjustment made pursuant to Section 11(a)(ii) or Section 13(a) hereof, the registered holder of any Right thereafter exercised shall become entitled to receive any shares of capital stock other than Preferred Shares, thereafter the number of such other shares so receivable upon exercise of any Right and the Purchase Price thereof shall be subject to adjustment from time to time in a manner and on terms as nearly equivalent as practicable to the provisions with respect to the Preferred Shares contained in Sections 11(a), (b), (c), (d), (e), (g), (h), (i), (j), (k), (l) and (m), and the provisions of Sections 7, 9, 10, 13 and 14 hereof with respect to the Preferred Shares shall apply on like terms to any such other shares.

(g) All Rights originally issued by the Company subsequent to any adjustment made to the Purchase Price hereunder shall evidence the right to purchase, at the adjusted Purchase Price, the number of one one-thousandths of a Preferred Share (or other securities or amount of cash or combination thereof) purchasable from time to time hereunder upon exercise of the Rights, all subject to further adjustment as provided herein.

(h) Unless the Company shall have exercised its election as provided in Section 11(i) hereof, upon each adjustment of the Purchase Price as a result of the calculations made in Section 11(b) and Section 11(c) hereof, each Right outstanding immediately prior to the making of such adjustment shall thereafter evidence the right to purchase, at the adjusted Purchase Price, that number of one one-thousandths of a Preferred Share (calculated to the nearest one-millionth) obtained by (i) multiplying (x) the number of one one-thousandths of a share covered by a Right immediately prior to this adjustment, by (y) the Purchase Price in effect immediately prior to such adjustment of the Purchase Price, and (ii) dividing the product so obtained by the Purchase Price in effect immediately after such adjustment of the Purchase Price.

(i) The Company may elect on or after the date of any adjustment of the Purchase Price to adjust the number of Rights, in lieu of any adjustment in the number of one one-thousandths of a Preferred Share purchasable upon the exercise of a Right pursuant to Section 11(h) hereof. Each of the Rights outstanding after the adjustment in the number of Rights shall be exercisable for the number of one one-thousandths of a Preferred Share for which a Right was exercisable immediately prior to such adjustment. Each Right held of record prior to such adjustment of the number of Rights shall become that number of Rights (calculated to the nearest one one-thousandth) obtained by dividing the Purchase Price in effect immediately prior to adjustment of the Purchase Price by the Purchase Price in effect immediately after adjustment of the Purchase Price. The Company shall make a public announcement, and notify the Rights Agent in writing, of its election to adjust the number of Rights, indicating the record date for the adjustment, and, if known at the time, the amount of the adjustment to be made. This record date may be the date on which the Purchase Price is adjusted or any day thereafter, but, if the Rights Certificates have been issued, shall be at least ten (10) calendar days later than the date of the public announcement. If Rights Certificates have been issued, upon each adjustment of the number of Rights pursuant to this Section 11(i), the Company shall, as promptly as practicable, cause to be distributed to holders of record of Rights Certificates on such record date Rights Certificates evidencing, subject to Section 14 hereof, the additional Rights to which such holders shall be entitled as a result of such adjustment, or, at the option of the Company, shall cause to be distributed to such holders of record in substitution and replacement for the Rights Certificates held by such holders prior to the date of adjustment, and upon surrender thereof, if required by the Company, new Rights Certificates evidencing all the Rights to which such holders shall be entitled after such adjustment. Rights Certificates so to be distributed shall be issued, executed and delivered by the Company, and countersigned and delivered by the Rights Agent, in the manner provided for herein (and may bear, at the option of the Company, the adjusted Purchase Price) and shall be registered in the names of the holders of record of Rights Certificates on the record date specified in the public announcement.

(j) Irrespective of any adjustment or change in the Purchase Price or the number of one one-thousandths of a Preferred Share issuable upon the exercise of the Rights, the Rights Certificates theretofore and thereafter issued may continue to express the Purchase Price per one one-thousandth of a share and the number of one one-thousandths of a share that were expressed in the initial Rights Certificates issued hereunder.

(k) Before taking any action that would cause an adjustment reducing the Purchase Price below the then par value, if any, of the number of one one-thousandths of a Preferred Share issuable upon exercise of the Rights, the Company shall take any corporate action that may, in the opinion of its counsel, be necessary in order that the Company may validly and legally issue, fully paid and nonassessable, such number of one one-thousandths of a Preferred Share at such adjusted Purchase Price.

(l) In any case in which this Section 11 shall require that an adjustment in the Purchase Price be made effective as of a record date for a specified event, the Company may elect to defer (and shall notify the Rights Agent in writing of any such election) until the occurrence of such event the issuance to the registered holder of any Right exercised after such record date of the number of one one-thousandths of a Preferred Share and other capital stock or securities of the Company, if any, issuable upon such exercise over and above the number of one one-thousandths of a Preferred Share and other capital stock or securities of the Company, if any, issuable upon such exercise on the basis of the Purchase Price in effect prior to such adjustment; provided, however, that the Company shall deliver to such holder a due bill or other appropriate instrument evidencing such holder's right to receive such additional shares (fractional or otherwise) or securities upon the occurrence of the event requiring such adjustment.

(m) Anything in this Section 11 to the contrary notwithstanding, prior to the Distribution Date, the Company shall be entitled to make such reductions in the Purchase Price, in addition to those adjustments expressly required by this Section 11, as and to the extent that the Board, in its good faith judgment, shall determine to be advisable in order that any (i) consolidation or subdivision of the Preferred Shares, (ii) issuance wholly for cash of any Preferred Shares at less than the Current Market Price, (iii) issuance wholly for cash of Preferred Shares or securities that by their terms are convertible into or exchangeable for Preferred Shares, (iv) stock dividends or (v) issuance of rights, options or warrants referred to in this Section 11, hereafter made by the Company to registered holders of its Preferred Shares shall not be taxable to such stockholders or shall reduce the taxes payable by such holders.

(n) The Company covenants and agrees that in the event that a Section 11(a)(ii) Event occurs and the Rights shall then be outstanding, it shall not, (i) consolidate with any other Person (other than a Subsidiary of the Company in a transaction which complies with Section 11(o) hereof), (ii) merge with or into any other Person (other than a Subsidiary of the Company in a transaction which complies with Section 11(o) hereof), or (iii) sell or otherwise transfer (or permit any Subsidiary to sell or otherwise transfer), in one transaction, or a series of related transactions, assets, cash flow or earning power aggregating fifty percent (50%) or more of the assets, cash flow or earning power of the Company and its Subsidiaries (taken as a whole and calculated on the basis of the Company's most recent regularly prepared financial statements) to any other Person or Persons (other than the Company or any of its Subsidiaries in one or more transactions each of which complies with Section 11(o) hereof), if (x) at the time of or immediately after such consolidation, merger, sale or transfer there are any charter or bylaw provisions, rights, warrants or other instruments or securities outstanding or agreements in effect that would substantially diminish or otherwise eliminate the benefits intended to be afforded by the Rights or (y) prior to, simultaneously with or immediately after such consolidation, merger, sale or transfer the stockholders of the Person who constitutes, or would constitute, the "Principal Party" for purposes of Section 13(a) hereof shall have received a distribution of Rights previously owned by such Person or any of its Related Persons; provided, however, that this Section 11(n) shall not affect the ability of any Subsidiary of the Company to consolidate with, merge with or into, or sell or transfer assets or earning power to, any other Subsidiary of the Company.

(o) The Company covenants and agrees that after the Distribution Date and so long as any Rights shall then be outstanding (other than Rights that have become null and void pursuant to Section 7(e) hereof), it will not, except as permitted by Section 23, Section 24, or Section 27 hereof, take (or permit any Subsidiary to take) any action if at the time such action is taken it is reasonably foreseeable that such action will diminish substantially or otherwise eliminate the benefits intended to be afforded by the Rights.

(p) Anything in this Agreement to the contrary notwithstanding, in the event that the Company shall at any time after the Rights Dividend Declaration Date and prior to the Distribution Date (i) declare or pay a dividend on the outstanding Common Shares payable in Common Shares, (ii) subdivide or split the outstanding Common Shares, (iii) combine or consolidate the outstanding Common Shares into a smaller number of shares, or (iv) issue any shares of its capital stock in a reclassification of Common Shares (including any such reclassification in connection with a consolidation or merger in which the Company is a continuing or surviving corporation), the number of Rights associated with each Common Share then outstanding, or issued or delivered thereafter but prior to the Distribution Date (or issued or delivered on or after the Distribution Date pursuant to Section 22 hereof), shall be proportionately adjusted so that the number of Rights thereafter associated with each Common Share following any such event shall equal the result obtained by multiplying the number of Rights associated with each Common Share immediately prior to such event by a fraction, the numerator of which shall be the total number of Common Shares outstanding immediately prior to the occurrence of the event and the denominator of which shall be the total number of Common Shares outstanding immediately following the occurrence of such event. The adjustments provided for in this Section 11(p) shall be made successively whenever such a dividend is declared or paid or such a subdivision, combination or reclassification is effected. If an event occurs that would require an adjustment under Section 11(a)(ii) and this Section 11(p), the adjustments provided for in this Section 11(p) shall be in addition and prior to any adjustment required pursuant to Section 11(a)(ii).

Section 12. Certificate of Adjusted Purchase Price or Number of Shares. Whenever an adjustment is made as provided in Section 11 or Section 13 hereof, the Company shall (a) promptly prepare a certificate setting forth such adjustment and a brief reasonably detailed statement of the facts, computations and methodology accounting for such adjustment, (b) promptly file with the Rights Agent, and with each transfer agent for the Preferred Shares and the Common Shares, a copy of such certificate and (c) if a Distribution Date has occurred, mail a brief summary thereof to each registered holder of a Rights Certificate in accordance with Section 26 hereof. The Rights Agent shall be fully protected in relying on any such certificate and on any adjustment or statement therein contained and shall have no duty or liability with respect to, and shall not be deemed to have knowledge of, any adjustment or any such event unless and until it shall have received such a certificate.

Section 13. Consolidation, Merger, or Sale or Transfer of Assets, Cash Flow or Earning Power

(a) In the event that, at any time on or following the Shares Acquisition Date, directly or indirectly,

(i) the Company shall consolidate with, or merge with and into, any other Person (other than a Subsidiary of the Company in a transaction which complies with Section 11(o) hereof), and the Company shall not be the continuing or surviving corporation or other entity of such consolidation or merger;

(ii) any Person (other than a Subsidiary of the Company in a transaction which complies with Section 11(o) hereof) shall consolidate with, or merge with or into, the Company, and the Company shall be the continuing or surviving corporation of such consolidation or merger and, in connection with such consolidation or merger, all or part of the outstanding Common Shares shall be changed into or exchanged for stock or other securities of any other Person (or the Company) or cash or any other property; or

(iii) the Company shall sell or otherwise transfer (or one or more of its Subsidiaries shall sell or otherwise transfer), in one transaction or a series of related transactions, assets, cash flow or earning power aggregating fifty percent (50%) or more of the assets, cash flow or earning power of the Company and its Subsidiaries (taken as a whole and calculated on the basis of the Company's most recent regularly prepared financial statements) to any Person or Persons (other than the Company or any Subsidiary of the Company in one or more transactions each of which complies with Section 11(o) hereof);

then, and in each such case (except as may be contemplated by Section 13(d) hereof), proper provision shall be made so that: (A) each registered holder of a Right, except as provided in Section 7(e) hereof, shall thereafter have the right to receive, upon the exercise thereof at the then current Purchase Price multiplied by the number of one one-thousandths of a share of Preferred Shares for which a Right is then exercisable in accordance with the terms of this Agreement, such number of validly authorized and issued, fully paid, nonassessable and freely tradeable Common Shares of the Principal Party, not subject to any liens, encumbrances, rights of first refusal, transfer restrictions, preemptive rights or other adverse claims of any nature whatsoever, as shall be equal to the result obtained by (1) multiplying the number of one one-thousandths of a Preferred Share for which a Right was exercisable immediately prior to the first occurrence of a Section 11(a)(ii) Event by the Purchase Price in effect immediately prior to such first occurrence of a Section 11(a)(ii) Event, and (2) dividing that product (which, following the first occurrence of a Section 13 Event, shall be referred to as the “**Purchase Price**” for each Right and for all purposes of this Agreement) by fifty percent (50%) of the Current Market Price per Common Share of such Principal Party on the date of consummation of such Section 13 Event; (B) such Principal Party shall thereafter be liable for, and shall assume, by virtue of such Section 13 Event, all the obligations and duties of the Company pursuant to this Agreement; (C) the term “**Company**” shall thereafter be deemed to refer to such Principal Party, it being specifically intended that the provisions of Section 11 hereof shall apply only to such Principal Party following the first occurrence of a Section 13 Event; (D) such Principal Party shall take such steps (including, but not limited to, the reservation of a sufficient number of Common Shares) in connection with the consummation of any such transaction as may be necessary to assure that the provisions hereof shall thereafter be applicable, as nearly as reasonably may be, in relation to its Common Shares thereafter deliverable upon the exercise of the Rights; provided, however, that upon the subsequent occurrence of any merger, consolidation, sale of all or substantially all assets, recapitalization, reclassification of shares, reorganization or other extraordinary transaction in respect of such Principal Party, each holder of a Right shall thereupon be entitled to receive, upon exercise of a Right and payment of the Purchase Price, such cash, shares, rights, options warrants and other property which such holder would have been entitled to receive had he, she or it at the time of such transaction, owned the Common Shares of the Principal Party purchasable upon the exercise of a Right, and such Principal Party shall take such steps (including, but not limited to, reservation of shares of stock) as may be necessary to permit the subsequent exercise of the Rights in accordance with the terms hereof for such cash, shares, rights, warrants, options and other property; and (E) the provisions of Section 11(a)(ii) hereof shall be of no effect with respect to events occurring at any time following the first occurrence of any Section 13 Event, and the Rights that have not theretofore been exercised shall thereafter become exercisable in the manner described in this Section 13.

(b) “**Principal Party**” shall mean:

(i) in the case of any transaction described in Section 13(a)(i) or Section 13(a)(ii) hereof, the Person (including the Company as successor thereto or as the surviving entity) that is the issuer of any securities into which Common Shares of the Company are converted, changed, or exchanged in such merger or consolidation or, if there is more than one such issuer, the issuer of Common Shares of such issuer that has the highest aggregate current market price (determined pursuant to Section 11(d) hereof) and if no securities or other equity interests are so issued, the Person (including the Company as successor thereto or as the surviving entity) that is the other party to such merger or consolidation, or, if there is more than one such Person, the Person that is a constituent party to such merger or consolidation, the Common Shares of such Person of which has the highest aggregate current market price (determined pursuant to Section 11(d) hereof); and

(ii) in the case of any transaction described in Section 13(a)(iii) hereof, the Person that is the party receiving the greatest portion of the assets, cash flow or earning power transferred pursuant to such transaction or transactions, or if each Person that is a party to such transaction or transactions receives the same portion of the assets, cash flow or earning power transferred pursuant to such transaction or transactions, or if the Person receiving the largest portion of the assets, cash flow or earning power cannot be determined, whichever of such Persons is the issuer of Common Shares having the greatest aggregate value of shares outstanding (as determined pursuant to Section 11(d) hereof); provided, however, that in any such case, (A) if the Common Shares of such Person (who, but for this proviso, would be the Principal Party) are not at such time and have not been continuously over the preceding twelve (12) month period registered under Section 12 of the Exchange Act, and such Person is a direct or indirect Subsidiary of another Person the Common Shares of which are and have been so registered, "Principal Party" shall refer to such other Person; and (B) in case such Person is a Subsidiary, directly or indirectly, of more than one Person, the Common Shares of two or more of which are and have been so registered, "Principal Party" shall refer to whichever of such Persons is the issuer of the Common Shares having the greatest aggregate market value.

(c) The Company shall not consummate a Section 13 Event unless the Principal Party shall have a sufficient number of authorized Common Shares that have not been issued or reserved or that are held in treasury for issuance to permit the exercise in full of the Rights in accordance with this Section 13 and unless prior thereto the Company and such Principal Party shall have executed and delivered to the Rights Agent a supplemental agreement confirming that the requirements of Section 13(a) and Section 13(b) hereof shall promptly be performed in accordance with their terms and further providing that, as soon as practicable after the date of any such Section 13 Event, the Principal Party, as soon as practicable after the execution of such agreement, will:

(i) prepare and file a registration statement under the Act, with respect to the Rights and the securities purchasable upon exercise of the Rights on an appropriate form, and will use its best efforts to cause such registration statement to (A) become effective as soon as practicable after such filing and (B) remain effective (with a prospectus at all times meeting the requirements of the Act) until the Expiration Date;

(ii) take all such other action as may be necessary to enable the Principal Party to issue the securities purchasable upon exercise of the Rights, including, but not limited to, the registration or qualification of such securities under all requisite securities laws of jurisdictions of the various states and the listing of such securities on such exchanges and trading markets as may be necessary or appropriate; and

(iii) deliver to registered holders of the Rights historical financial statements for the Principal Party and each of its Affiliates that comply in all respects with the requirements for registration on Form 10 (or any successor form) under the Exchange Act.

(d) The provisions of this Section 13 shall similarly apply to successive mergers or consolidations or sales or other transfers. In the event that a Section 13 Event shall occur at any time after the occurrence of a Section 11(a)(ii) Event, the Rights that have not theretofore been exercised shall thereafter become exercisable in the manner described in Section 13(a) hereof.



(e) In case the Principal Party that is to be a party to a transaction referred to in this Section 13 has at the time of such transaction, or immediately following such transaction will have, a provision in any of its authorized securities or in its certificate of incorporation or bylaws or other instrument governing its affairs, or any other agreements or arrangements, which provision would have the effect of (i) causing such Principal Party to issue, in connection with, or as a consequence of, the consummation of a transaction referred to in this Section 13, of Common Shares of such Principal Party at less than such then current market price (other than to holders of Rights pursuant to this Section 13); (ii) providing for any special payment, tax, or similar provisions in connection with the issuance of the Common Shares of such Principal Party pursuant to the provisions of Section 13; or (iii) otherwise eliminating or substantially diminishing the benefits intended to be afforded by the Rights in connection with, or as a consequence of, the consummation of a transaction referred to in this Section 13; then, in such event, the Company shall not consummate any such transaction unless prior thereto the Company and such Principal Party shall have executed and delivered to the Rights Agent a supplemental agreement providing that the provision in question of such Principal Party shall have been cancelled, waived, or amended, or that the authorized securities shall be redeemed, so that the applicable provision will have no effect in connection with, or as a consequence of, the consummation of the proposed transaction.

Section 14. Fractional Rights and Fractional Shares.

(a) The Company shall not be required to issue fractions of Rights, except prior to the Distribution Date as provided in Section 11(p) hereof, or to distribute Rights Certificates that evidence fractional Rights. In lieu of such fractional Rights, the Company shall pay to the registered holders of the Rights Certificates with regard to which such fractional Rights would otherwise be issuable, an amount in cash equal to the same fraction of the current market price of a whole Right. For purposes of this Section 14(a), the current market price of a whole Right shall be the Closing Price of the Rights for the Trading Day immediately prior to the date on which such fractional Rights would have been otherwise issuable. The Closing Price of the Rights for any Trading Day shall be the last sale price, regular way, or, in case no such sale takes place on such day, the average of the closing bid and asked prices, regular way, in either case as reported in the principal consolidated transaction reporting system with respect to securities listed or admitted to trading on the Nasdaq or, if the Rights are not listed or admitted to trading on the Nasdaq, as reported in the principal consolidated transaction reporting system with respect to securities listed or admitted to trading on the principal national securities exchange on which the Rights are listed or admitted to trading, or if the Rights are not listed or admitted to trading on any national securities exchange, the last quoted price or, if not so quoted, the average of the high bid and low asked prices in the over-the-counter market, as reported by a quotation system then in use or, if on any such date the Rights are not so quoted, the average of the closing bid and asked prices as furnished by a professional market maker making a market in the Rights, selected by the Board. If on any such date the Rights are not publicly held and are not so listed, admitted to trading, or quoted, and no market maker is making a market in the Rights, the current market value of a Right shall mean the fair value of a Right on such date as determined in good faith by the Board, which determination shall be described in a statement filed with the Rights Agent and delivered to the holders of the Rights and shall be binding and conclusive for all purposes.

(b) The Company shall not be required to issue fractions of Preferred Shares (other than fractions that are integral multiples of one one-thousandth of a Preferred Share) upon exercise of the Rights or to distribute certificates or make any entries in the book entry account system of the transfer agent that evidence fractional Preferred Shares (other than fractions that are integral multiples of one one-thousandth of a Preferred Share). In lieu of fractional Preferred Shares that are not integral multiples of one one-thousandth of a Preferred Share, the Company may pay to the registered holders of Rights Certificates at the time such Rights are exercised as herein provided an amount in cash equal to the same fraction of the current market price of one one-thousandth of a Preferred Share. For purposes of this Section 14(b), the current market price of one one-thousandth of a Preferred Share shall be one one-thousandth of the Closing Price of a Preferred Share or, if unavailable, the appropriate alternative price (in each case, as determined pursuant to Section 11(d)(ii) hereof) for the Trading Day immediately prior to the date of such exercise.

(c) Following the occurrence of a Triggering Event, the Company shall not be required to issue fractions of Common Shares upon exercise of the Rights or to distribute certificates or make Book Entry Common Share notations that evidence fractional Common Shares. In lieu of fractional Common Shares, the Company may pay to the registered holders of Rights Certificates at the time such Rights are exercised as herein provided an amount in cash equal to the same fraction of the current market value of one Common Share. For purposes of this Section 14(c), the current market value of one Common Share shall be the Closing Price of one Common Share or, if unavailable, the appropriate alternative price (in each case, as determined pursuant to Section 11(d)(i) hereof) on the Trading Day immediately prior to the date of such exercise.

(d) The registered holder of a Right by the acceptance of that Right expressly waives such holder's right to receive any fractional Rights or any fractional shares upon exercise of a Right, except as permitted by this Section 14.

(e) Whenever a payment for fractional Rights or fractional shares is to be made by the Rights Agent under this Agreement, the Company shall (i) promptly prepare and deliver to the Rights Agent a certificate setting forth in reasonable detail the facts related to such payments and the prices and formulas utilized in calculating such payments; and (ii) provide sufficient funds to the Rights Agent in the form of fully collected funds to make such payments. The Rights Agent shall be fully protected in relying upon such a certificate and has no duty with respect to, and will not be deemed to have knowledge of, any payment for fractional Rights or fractional shares under any Section of this Agreement relating to the payment of fractional Rights or fractional shares unless and until the Rights Agent has received such a certificate and sufficient monies.

Section 15. Rights of Action. All rights of action in respect of this Agreement, excepting the rights of action given to the Rights Agent hereunder, are vested in the respective registered holders of the Rights Certificates (and, prior to the Distribution Date, of the Common Shares); and any registered holder of any Rights Certificate (and, prior to the Distribution Date, of the Common Shares), without the consent of the Rights Agent or of the registered holder of any other Rights Certificate (or, prior to the Distribution Date, of the Common Shares), may, on such holder's own behalf and for such holder's own benefit, enforce, and may institute and maintain any suit, action or proceeding against the Company to enforce, or otherwise act in respect of, such holder's right to exercise the Rights evidenced by such Rights Certificate in the manner provided in such Rights Certificate and in this Agreement. Without limiting the foregoing or any remedies available to the registered holders of Rights, it is specifically acknowledged that the registered holders of Rights would not have an adequate remedy at law for any breach of this Agreement and, accordingly, shall be entitled to specific performance of the obligations under, and injunctive relief against actual or threatened violations of the obligations of any Person subject to, this Agreement.

Section 16. Agreement of Rights Holders. Every registered holder of a Right, by accepting the same, consents and agrees with the Company and the Rights Agent and with every other registered holder of a Right that:

(a) prior to the Distribution Date, the Rights shall be evidenced by Book Entry Common Shares (which Book Entry Common Shares shall also be deemed to represent certificates for Rights) or, in the case of certificated shares, the certificates for the Common Shares registered in the names of the holders of the Common Shares (which certificates for Common Shares also constitute certificates for Rights) and each Right will be transferable only in connection with the transfer of Common Shares;

(b) after the Distribution Date, the Rights Certificates are transferable only on the registry books of the Rights Agent if surrendered at the office or offices of the Rights Agent designated for such purposes, duly endorsed or accompanied by a proper instrument of transfer and with the appropriate forms and certificates contained therein properly completed and duly executed;

(c) subject to Section 6(a) and Section 7(f) hereof, the Company and the Rights Agent may deem and treat the Person in whose name a Rights Certificate (or, prior to the Distribution Date, a Common Share certificate or Book Entry Common Share) is registered as the absolute owner thereof and of the Rights evidenced thereby (notwithstanding any notations of ownership or writing on the Rights Certificates or the Common Share certificate or Ownership Statement or other notices provided to holders of Book Entry Common Shares made by anyone other than the Company or the Rights Agent) for all purposes whatsoever, and neither the Company nor the Rights Agent, subject to the last sentence of Section 7(e) hereof, shall be required to be affected by any notice to the contrary; and

(d) notwithstanding anything in this Agreement to the contrary, neither the Company nor the Rights Agent shall have any liability to any holder of a Right or a beneficial interest in a Right or other Person as a result of its inability to perform any of its obligations under this Agreement by reason of any preliminary or permanent injunction or other order, decree, judgment or ruling (whether interlocutory or final) issued by a court of competent jurisdiction or by a governmental, regulatory or administrative agency or commission, or any statute, rule, regulation or executive order promulgated or enacted by any governmental authority, prohibiting or otherwise restraining performance of such obligation; provided, however, that the Company must use its best efforts to have any such injunction, order, decree, judgment or ruling lifted or otherwise overturned as soon as possible.

Section 17. Rights Certificate Holder Not Deemed a Stockholder. No registered holder, as such, of any Rights Certificate shall be entitled to vote, receive dividends or be deemed for any purpose the registered holder of the number of one one-thousandths of a Preferred Share or any other securities of the Company that may at any time be issuable on the exercise of the Rights evidenced thereby, nor shall anything contained herein or in any Rights Certificate be construed to confer upon the registered holder of any Rights Certificate, as such, any of the rights of a stockholder of the Company or any right to vote for the election of directors or upon any matter submitted to stockholders at any meeting thereof, or to give or withhold consent to any corporate action, or to receive notice of meetings or other actions affecting stockholders (except as provided in Section 25 hereof), or to receive dividends or subscription rights, or otherwise, until the Right or Rights evidenced by such Rights Certificate shall have been exercised in accordance with the provisions hereof.

Section 18. Concerning the Rights Agent.

(a) The Company agrees to pay to the Rights Agent reasonable compensation for all services rendered by it hereunder and, from time to time, on demand of the Rights Agent, reimbursement for its reasonable expenses and counsel fees and disbursements and other disbursements incurred in the preparation, delivery, negotiation, amendment, administration and execution of this Agreement and the exercise and performance of its duties hereunder.

(b) The Company also agrees to indemnify the Rights Agent and its Affiliates and their respective employees, officers, and directors for, and to hold them harmless against, any loss, liability, damage, judgment, fine, penalty, claim, demand, settlement, cost, or expense (including, without limitation, the reasonable fees and expenses of legal counsel) that may be paid, incurred or suffered by it, or which it may become subject, without gross negligence, bad faith or willful misconduct (each as determined by a final non-appealable judgment of a court of competent jurisdiction) on the part of the Rights Agent, for any action taken, suffered or omitted by the Rights Agent in connection with the execution, acceptance, administration, exercise and performance of its duties under this Agreement, including reasonable attorneys' fees and expenses and the costs and expenses of defending against any claim of liability in the premises. The costs and expenses incurred in enforcing this right of indemnification shall be paid by the Company. Notwithstanding anything in this Agreement to the contrary, in no event shall the Rights Agent be liable for special, punitive, indirect, consequential or incidental loss or damage of any kind whatsoever even if the Rights Agent has been advised of the likelihood of such loss or damage. Any liability of the Rights Agent under this Agreement (other than by reason of the Rights Agent's gross negligence, bad faith or willful misconduct, as is determined by a final non-appealable judgment of a court of competent jurisdiction) will be limited to the amount of fees paid by the Company to the Rights Agent.

(c) The Rights Agent may conclusively rely upon and shall be protected and shall incur no liability for or in respect of any action taken, suffered or omitted to be taken by it in connection with its acceptance and administration of this Agreement or the exercise or performance of its duties hereunder in reliance upon any Rights Certificate or certificate for Common Shares, Preferred Shares or for other securities of the Company (including in the case of uncertificated securities, by notation in book entry accounts reflecting ownership), instrument of assignment or transfer, power of attorney, endorsement, affidavit, letter, notice, direction, consent, certificate, statement, or other paper or document believed by it to be genuine and to have been signed, executed and, where expressly required hereunder, guaranteed, verified or acknowledged, by the proper Person or Persons, or otherwise upon the advice of counsel as set forth herein. The Rights Agent shall not be deemed to have knowledge of any event of which it was supposed to receive notice thereof hereunder, and the Rights Agent shall be fully protected and shall incur no liability for failing to take any action in connection therewith, unless and until it has received such notice.

(d) The provisions of this Section 18, Section 20 and Section 29 hereof shall survive the termination or expiration of this Agreement, the exercise or expiration of the Rights and the resignation, replacement or removal of the Rights Agent.

Section 19. Merger or Consolidation or Change of Name of the Rights Agent

(a) Any Person into which the Rights Agent or any successor rights agent may be merged or with which it may be consolidated, or any Person resulting from any merger or consolidation to which the Rights Agent or any successor rights agent shall be a party, or any Person succeeding to the corporate trust, stock transfer or other stockholder services business of the Rights Agent or any successor rights agent, shall be the successor to the Rights Agent under this Agreement without the execution or filing of any paper or any further act on the part of any of the parties hereto; but only if such Person would be eligible for appointment as a successor rights agent under the provisions of Section 21 hereof. The purchase of all or substantially all of the Rights Agent's assets employed in the performance of transfer agent activities shall be deemed a merger or consolidation for purposes of this Section 19. In case at the time such successor rights agent shall succeed to the agency created by this Agreement, any of the Rights Certificates shall have been countersigned but not delivered, any such successor rights agent may adopt the countersignature of an authorized signatory of a predecessor rights agent and deliver such Rights Certificates so countersigned; and in case at that time any of the Rights Certificates shall not have been countersigned, an authorized signatory of any successor rights agent may countersign such Rights Certificates either in the name of the predecessor or in the name of the successor rights agent; and in all such cases such Rights Certificates shall have the full force provided in the Rights Certificates and in this Agreement.

(b) In case at any time the name of the Rights Agent shall be changed and at such time any of the Rights Certificates shall have been countersigned but not delivered, the Rights Agent may adopt the countersignature of an authorized signatory under the Rights Agent's prior name and deliver Rights Certificates so countersigned; and in case at that time any of the Rights Certificates shall not have been countersigned, an authorized signatory of the Rights Agent may countersign such Rights Certificates either in the prior name of the Rights Agent or in the changed name of the Rights Agent; and in all such cases such Rights Certificates shall have the full force provided in the Rights Certificates and in this Agreement.

Section 20. Duties of the Rights Agent. The Rights Agent undertakes to perform only the duties and obligations expressly imposed by this Agreement (and no implied duties or obligations) upon the following terms and conditions, by all of which the Company and the registered holders of Rights Certificates, by their acceptance thereof, shall be bound:

(a) The Rights Agent may consult with legal counsel (who may be legal counsel for the Company or an employee or legal counsel of the Rights Agent), and the advice or opinion of such counsel shall be full and complete authorization and protection to the Rights Agent and the Rights Agent shall incur no liability for or in respect of any action taken, suffered or omitted to be taken by it in accordance with such advice or opinion.

(b) Whenever in the performance of its duties under this Agreement the Rights Agent shall deem it necessary or desirable that any fact or matter (including, without limitation, the identity of any Acquiring Person or Affiliate or Associate thereof, and the determination of Current Market Price) be proved or established by the Company prior to the Rights Agent taking, suffering or omitting to take any action hereunder, such fact or matter (unless other evidence in respect thereof be herein specifically prescribed) may be deemed to be conclusively proved and established by a certificate signed by a person believed by the Rights Agent to be any one of the Principal Executive Officer (including a Person acting in such capacity on an interim basis), the Principal Financial Officer, any Executive Vice President, any Senior Vice President, the General Counsel, or the Corporate Secretary of the Company and delivered to the Rights Agent; and such certificate shall be full and complete authorization and protection to the Rights Agent, and the Rights Agent shall incur no liability, for or in respect of any action taken or suffered or omitted to be taken by it under the provisions of this Agreement in reliance upon such certificate.

(c) The Rights Agent shall be liable hereunder only for its own gross negligence, bad faith or willful misconduct (which gross negligence, bad faith or willful misconduct must be determined by a final, non-appealable judgment of a court of competent jurisdiction).

(d) The Rights Agent shall not be assumed to have knowledge of and shall not be required to take note of or act upon any fact or circumstance including the occurrence of facts or circumstances leading to the Shares Acquisition Date or the Distribution Date, facts or circumstances relating to whether any Person may be an Affiliate or an Associate of any other Person, facts or circumstances relevant to an adjustment to the Purchase Price, facts or circumstances relevant to events described in Section 13, Section 23 and Section 24, which may be relevant to performance by the Rights Agent under this Agreement unless the Company has provided written notice thereof to the Rights Agent; and the Company agrees that it will (i) promptly notify the Rights Agent in writing of the occurrence of the Shares Acquisition Date (including the identity of the Acquiring Person and the date on which the Shares Acquisition Date occurred), the Distribution Date, the Redemption Date, and of any events described in Section 13, and (ii) promptly provide the Rights Agent with such other information as the Rights Agent may reasonably request in connection with the performance of its duties under this Agreement.

(e) Notwithstanding anything in this Agreement to the contrary, any liability of the Rights Agent under this Agreement will be limited to the amount of annual fees paid by the Company to the Rights Agent during the twelve (12) months immediately preceding the event for which recovery from the Rights Agent is being sought. Anything to the contrary notwithstanding, in no event will the Rights Agent be liable for special, punitive, indirect, incidental or consequential damage or loss of any kind whatsoever (including but not limited to lost profits), even if the Rights Agent has been advised of the likelihood of such loss or damage and regardless of the form of action.

(f) The Rights Agent shall not be liable for or by reason of any of the statements of fact or recitals contained in this Agreement or in the Rights Certificates and it shall not be required to verify the same (except as to a countersignature by one of its authorized signatories on such Rights Certificates), but all such statements and recitals are and shall be deemed to have been made by the Company only.

(g) The Rights Agent shall not have any liability for or be under any responsibility in respect of the validity of this Agreement or the execution and delivery hereof (except the due execution and delivery hereof by the Rights Agent) or in respect of the validity or execution of any Rights Certificate (except a countersignature by one of its authorized signatories on any such Rights Certificate); nor shall it be responsible for any breach by the Company of any covenant or failure by the Company to satisfy any condition contained in this Agreement or in any Rights Certificate; nor shall it be responsible for any change in the exercisability of the Rights (including the Rights becoming null and void pursuant to Section 7(e) hereof) or any adjustment required under the provisions of Section 11, Section 13, Section 23 or Section 24 hereof or responsible for the manner, method or amount of any such change or adjustment or the ascertaining of the existence of facts that would require any such change or adjustment (except with respect to the exercise of Rights evidenced by Rights Certificates after receipt by the Rights Agent of a certificate describing any such adjustment, delivered pursuant to Section 12); nor shall it by any act hereunder be deemed to make any representation or warranty as to the authorization or reservation of any Common Shares or Preferred Shares or any other securities to be issued pursuant to this Agreement or any Rights Certificate or as to whether any Common Shares or Preferred Shares will, when so issued, be validly authorized and issued, fully paid and nonassessable.

(h) The Company agrees that it will perform, execute, acknowledge, and deliver or cause to be performed, executed, acknowledged and delivered all such further and other acts, instruments, and assurances as may reasonably be required by the Rights Agent for the carrying out or performing by the Rights Agent of the provisions of this Agreement.

(i) The Rights Agent is hereby authorized and directed to accept instructions with respect to the performance of its duties hereunder from the Chairman of the Board, the Principal Executive Officer, the Principal Financial Officer, any Vice President, the Secretary, any Assistant Secretary, the Treasurer or any Assistant Treasurer of the Company, and to apply to such officers for advice or instructions in connection with its duties, and such instructions shall be full authorization and protection to the Rights Agent and the Rights Agent shall not be liable for any action taken, suffered, or omitted to be taken by it in accordance with instructions of any such officer or for any delay in acting while waiting for those instructions. The Rights Agent shall be fully authorized and protected in relying upon the most recent instructions received by any such officer. Notwithstanding anything in this Agreement to the contrary, the Rights Agent shall not be required to take any instruction of the Company that the Rights Agent believes, in its sole discretion, would cause the Rights Agent to take action that is illegal.

(j) The Rights Agent and any stockholder, Affiliate, director, officer or employee of the Rights Agent may buy, sell, or deal in any of the Rights or other securities of the Company or become pecuniarily interested in any transaction in which the Company may be interested, or contract with or lend money to the Company or otherwise act as fully and freely as though it were not the Rights Agent under this Agreement. Nothing herein shall preclude the Rights Agent or any such stockholder, Affiliate, director, officer or employee from acting in any other capacity for the Company or for any other Person.

(k) The Rights Agent may execute and exercise any of the rights or powers hereby vested in it or perform any duty hereunder either itself (through its directors, officers, and employees) or by or through its attorneys or agents, and the Rights Agent shall not be answerable or accountable for any act, default, neglect or misconduct of any such attorneys or agents or for any loss to the Company or any other Person resulting from any such act, default, neglect, or misconduct, absent gross negligence, bad faith, or willful misconduct (which gross negligence, bad faith or willful misconduct must be determined by a final, non-appealable judgment of a court of competent jurisdiction) of the Rights Agent in the selection and continued employment thereof.

(l) No provision of this Agreement shall require the Rights Agent to expend or risk its own funds or otherwise incur any financial liability in the performance of any of its duties hereunder (other than internal costs incurred by the Rights Agent in providing services to the Company in the ordinary course of its business as Rights Agent) or in the exercise of any of its rights or powers if there shall be reasonable grounds for believing that repayment of such funds or adequate indemnification against such risk or liability is not reasonably assured to it.

(m) If, with respect to any Rights Certificate surrendered to the Rights Agent for exercise or transfer, the certificate contained in the form of assignment or form of election to purchase, as the case may be, has either not been properly completed or duly executed or indicates an affirmative response to clause 1 or 2 thereof, the Rights Agent shall not take any further action with respect to such requested exercise or transfer without first consulting with the Company.

(n) The Rights Agent shall have no responsibility to the Company, any holders of Rights or any holders of Common Shares for interest or earnings on any monies held by the Rights Agent pursuant to this Agreement.

(o) The Rights Agent shall not be required to take notice or be deemed to have notice of any event or condition hereunder, including any event or condition that may require action by the Rights Agent, unless the Rights Agent shall be specifically notified in writing of such event or condition by the Company, and all notices or other instruments required by this Agreement to be delivered to the Rights Agent must, in order to be effective, be received by the Rights Agent as specified in Section 26 hereof, and in the absence of such notice so delivered, the Rights Agent may conclusively assume no such event or condition exists.



Section 21. Change of the Rights Agent. The Rights Agent or any successor rights agent may resign and be discharged from its duties under this Agreement upon thirty (30) calendar days' prior written notice given to the Company (or such lesser notice as is acceptable to the Company in its sole discretion) in accordance with Section 26 hereof, and to the extent that the Rights Agent or one of its Affiliates is not also the transfer agent for the Company, to each transfer agent of the Common Shares and Preferred Shares by registered or certified mail. In the event the transfer agency relationship in effect between the Company and the Rights Agent terminates, the Rights Agent will be deemed to have resigned automatically and be discharged from its duties under this Agreement as of the effective date of such termination, and the Company shall be responsible for sending any required notice. The Company may remove the Rights Agent or any successor rights agent upon thirty (30) calendar days' notice given to the Rights Agent or successor rights agent, as the case may be, in accordance with Section 26 hereof, and to each transfer agent of the Common Shares and Preferred Shares by registered or certified mail, and, if such removal occurs after the Distribution Date, to the registered holders of the Rights Certificates in accordance with Section 26 of this Agreement. If the Rights Agent shall resign or be removed or shall otherwise become incapable of acting, the Company shall appoint a successor to the Rights Agent. If the Company shall fail to make such appointment within a period of thirty (30) calendar days after giving proper notice of such removal or after it has been properly notified of such resignation or incapacity by the resigning or incapacitated Rights Agent or by the registered holder of a Rights Certificate (who shall, with such notice, submit such holder's Rights Certificate for inspection by the Company), then any registered holder of any Rights Certificate may apply to any court of competent jurisdiction for the appointment of a new rights agent. Any successor rights agent, whether appointed by the Company or by such a court, shall be (a) a legal business entity organized and doing business under the laws of the United States or of any State thereof, in good standing, which is authorized under such laws to exercise stockholder service powers and which has, along with its Affiliates, at the time of its appointment as rights agent a combined capital and surplus of at least \$50,000,000.00 or (b) an Affiliate of a legal business entity described in clause (a) of this sentence. After appointment, the successor rights agent shall be vested with the same powers, rights, duties, and responsibilities as if it had been originally named as rights agent without further act or deed; but the predecessor rights agent shall deliver and transfer to the successor rights agent any property at the time held by it hereunder, and execute and deliver any further assurance, conveyance, act or deed necessary for that purpose, but such predecessor rights agent shall not be required to make any additional expenditure or assume any additional liability in connection with the foregoing; and, except as the context herein otherwise requires, such successor rights agent shall be deemed to be the "Rights Agent" for all purposes of this Agreement. Not later than the effective date of any such appointment, the Company shall file notice thereof in writing with the predecessor rights agent and each transfer agent of the Common Shares and the Preferred Shares, and, if such appointment occurs after the Distribution Date, the Company shall give notice thereof to the registered holders of the Rights Certificates in accordance with Section 26 hereof. Failure to give any notice provided for in this Section 21, however, or any defect therein, shall not affect the legality or validity of the resignation or removal of the Rights Agent or the appointment of the successor rights agent, as the case may be.

Section 22. Issuance of New Rights Certificates. Notwithstanding any of the provisions of this Agreement or of the Rights to the contrary, the Company may, at its option, issue new Rights Certificates evidencing Rights in such form as may be approved by the Board to reflect any adjustment or change in the Purchase Price and the number or kind or class of shares or other securities or property purchasable under the Rights Certificates made in accordance with the provisions of this Agreement. In addition, in connection with the issuance or sale of Common Shares following the Distribution Date and prior to the earlier of the redemption of the Rights, the exchange of the Rights, and the Final Expiration Date, the Company (a) shall, with respect to Common Shares so issued or sold pursuant to the exercise of stock options or under any employee benefit plan or arrangement, granted or awarded as of the Distribution Date, or upon the exercise, conversion, or exchange of securities hereinafter issued by the Company, and (b) may, in any other case, if deemed necessary or appropriate by the Board, issue Rights Certificates evidencing the appropriate number of Rights in connection with such issuance or sale; provided, however, that (i) no such Rights Certificate shall be issued if, and to the extent that, the Company shall be advised by counsel that such issuance would create a significant risk of material adverse tax consequences to the Company or the Person to whom such Rights Certificate would be issued, and (ii) no such Rights Certificate shall be issued if, and to the extent that, appropriate adjustment shall otherwise have been made in lieu of the issuance thereof.

Section 23. Redemption and Termination.

(a) The Board may, at its option, at any time prior to the earlier of (i) the Close of Business on the tenth (10th) Business Day following the Shares Acquisition Date (or, if the tenth (10th) Business Day following the Shares Acquisition Date occurs before the Record Date, the Close of Business on the Record Date) and (ii) the Final Expiration Date (the “**Redemption Period**”), direct the Company to, and if directed the Company shall, redeem all but not less than all of the then outstanding Rights at a redemption price of \$0.001 per Right, as such amount may be appropriately adjusted to reflect any stock split, stock dividend, or similar transaction occurring after the first public announcement by the Company of the adoption of this Agreement (such redemption price, as adjusted, being hereinafter referred to as the “**Redemption Price**”). Notwithstanding anything contained in this Agreement to the contrary, the Rights shall not be exercisable after the first occurrence of a Section 11(a)(ii) Event until the expiration of the Redemption Period. The Company may, at its option, pay the Redemption Price in cash, Common Shares (based on the Current Market Price of the Common Shares at the time of redemption) or any other form of consideration determined by the Board, in the exercise of its sole discretion, to be at least equal to the Redemption Price.

(b) Immediately upon the time of the effectiveness of the redemption of the Rights pursuant to paragraph (a) of this Section 23 or such earlier time as may be determined by the Board in the action ordering such redemption (although not earlier than the time of such action), evidence of which shall be filed with the Rights Agent, and without any further action and without any notice, the right to exercise the Rights shall terminate, whether or not previously exercised, and each Right, whether or not previously exercised, will thereafter represent only the right to receive the Redemption Price for each Right so held. Promptly after the action of the Board directing the Company to make the redemption of the Rights, the Company shall give notice of such redemption to the Rights Agent and the registered holders of the then outstanding Rights in accordance with Section 26 hereof. Any notice given in accordance with Section 26 hereof shall be deemed given whether or not the holder receives the notice. Each such notice of redemption will state the method by which the payment of the Redemption Price will be made. Notwithstanding anything in this Section 23 to the contrary, the redemption of the Rights as directed by the Board may be made effective at such time, on such basis and subject to such conditions as the Board, in its sole discretion, may establish.

Section 24. Exchange of Rights.

(a) The Board may, at its option, at any time after any Person becomes an Acquiring Person, authorize and direct the Company to, and if directed the Company shall, exchange all or part of the then outstanding and exercisable Rights (which shall not include Rights that have become null and void pursuant to the provisions of Section 7(e) hereof) for Common Shares at an exchange ratio of one Common Share per Right, appropriately adjusted to reflect any stock split, stock dividend or similar transaction occurring after the first public announcement by the Company of the adoption of this Agreement (such exchange ratio being hereinafter referred to as the “**Exchange Ratio**”). The exchange of the Rights by the Board may be made effective at such time, on such basis, and with such conditions as the Board in its sole discretion may establish. Notwithstanding the foregoing, the Board shall not be empowered to direct the Company to effect such exchange at any time after any Person (other than an Exempt Person or a Grandfathered Person), together with all Related Persons of such Person, becomes the Beneficial Owner of fifty percent (50%) or more of the Common Shares then outstanding.

(b) Immediately upon the action of the Board directing the Company to exchange any Rights pursuant to Section 24(a) hereof and without any further action and without any notice, the right to exercise such Rights shall terminate and the only right thereafter of a registered holder of such Rights shall be to receive that number of Common Shares equal to the number of such Rights held by such holder multiplied by the Exchange Ratio. The Company shall promptly give public notice of any such exchange (with prompt written notice thereof to the Rights Agent); provided, however, that the failure to give, or any defect in, such notice shall not affect the validity of such exchange. The Company promptly shall give notice of any such exchange to all of the registered holders of such Rights in accordance with Section 26 hereof. Any notice given in accordance with Section 26 hereof shall be deemed given whether or not the holder receives the notice. Each such notice of exchange will state the method by which the exchange of the Common Shares for Rights will be effected and, in the event of any partial exchange, the number of Rights that will be exchanged. Any partial exchange shall be effected pro rata based on the number of Rights (other than Rights that have become null and void pursuant to the provisions of Section 7(e) hereof) held by each registered holder of Rights.

(c) In any exchange pursuant to this Section 24, the Company, at its option, may substitute Preferred Shares (or Equivalent Preferred Shares) for Common Shares exchangeable for Rights, at the initial rate of one one-thousandth of a Preferred Share (or Equivalent Preferred Shares) for each Common Share, as appropriately adjusted to reflect stock splits, stock dividends, and other similar transactions after the first public announcement by the Company of the adoption of this Agreement.

(d) In the event the number of Common Shares authorized by the Restated Certificate of Incorporation, but which are not outstanding or reserved for issuance for purposes other than upon exercise of the Rights, is not sufficient to permit any exchange of Rights as contemplated in accordance with this Section 24, the Company may either take such action as may be necessary to authorize additional Common Shares for issuance upon exchange of the Rights or alternatively, at the option of the Board, substitute to the extent of such insufficiency for each Common Share that would otherwise be issuable upon exchange of a Right, cash, debt securities of the Company, other assets, or any combination of the foregoing, in any event having an aggregate value, as determined in good faith by the Board (whose determination shall be described in a statement filed with the Rights Agent and shall be binding and conclusive for all purposes on the Rights Agent and the holders of the Rights), equal to the Current Market Price per Common Share (as determined pursuant to Section 11(d)(i)) for the Trading Day immediately prior to the date of exchange pursuant to this Section 24.

(e) The Company shall not be required to issue fractions of Common Shares or to distribute certificates or make Book Entry Common Share notations that evidence fractional Common Shares. In lieu of such fractional Common Shares, there shall be paid to the registered holders of the Rights Certificates with regard to which such fractional Common Shares would otherwise be issuable, an amount in cash equal to the same fraction of the current market price of a whole Common Share. For the purposes of this Section 24(e), the current market price of a whole Common Share shall be the Closing Price of a Common Share (as determined pursuant to the second sentence of Section 11(d)(i) hereof) for the Trading Day immediately prior to the date of exchange pursuant to this Section 24.

(f) Notwithstanding anything in this Section 24 to the contrary, the exchange of the Rights may be made effective at such time, on such basis and with such conditions as the Board in its sole discretion may establish. Without limiting the preceding sentence, the Board may (i) in lieu of issuing Common Shares or any other securities contemplated by this Section 24 to the Persons entitled thereto in connection with the exchange (such Persons, the “**Exchange Recipients**,” and such shares and other securities, together with any dividends or distributions made on such shares or other securities, the “**Exchange Property**”) issue, transfer or deposit the Exchange Property to or into a trust or other entity that may hold such Exchange Property for the benefit of the Exchange Recipients (provided that such trust or other entity may not be controlled by the Company or any of its Related Persons and provided further that the trustee or similar fiduciary of the trust or other entity will attempt to distribute the Exchange Property to the Exchange Recipients as promptly as practicable), (ii) permit such trust or other entity to exercise all of the rights that a stockholder of record would possess with respect to any shares deposited in such trust or entity and (iii) impose such procedures as are necessary to verify that the Exchange Recipients are not Acquiring Persons or Related Persons of Acquiring Persons as of any time periods established by such trust or entity.

Section 25. Notice of Certain Events.

(a) In case the Company shall propose, at any time after the Distribution Date, (i) to pay any dividend payable in stock of any class to the registered holders of Preferred Shares or to make any other distribution to the registered holders of Preferred Shares (other than a regular periodic cash dividend out of earnings or retained earnings of the Company), (ii) to offer to the registered holders of Preferred Shares rights or warrants to subscribe for or to purchase any additional Preferred Shares or shares of stock of any class or any other securities, rights or options, (iii) to effect any reclassification of its Preferred Shares (other than a reclassification involving only the subdivision of outstanding Preferred Shares), (iv) to effect any consolidation or merger into or with any other Person (other than a Subsidiary of the Company in a transaction which complies with Section 11(o)), or to effect any sale or other transfer (or to permit one or more of its Subsidiaries to effect any sale or other transfer), in one transaction or a series of related transactions, of fifty percent (50%) or more of the assets, cash flow or earning power of the Company and its Subsidiaries (taken as a whole and calculated on the basis of the Company’s most recent regularly prepared financial statements) to any other Person or Persons (other than the Company and/or any of its Subsidiaries in one or more transactions each of which complies with Section 11(o) hereof), or (v) to effect the liquidation, dissolution, or winding up of the Company, then, in each such case, the Company shall give to each registered holder of a Rights Certificate, to the extent feasible and in accordance with Section 26 hereof, a notice of such proposed action, which shall specify the record date for the purposes of such stock dividend, distribution of rights or warrants, or the date on which such reclassification, consolidation, merger, sale, transfer, liquidation, dissolution, or winding up is to take place and the date of participation therein by the registered holders of the Preferred Shares, if any such date is to be fixed, and such notice shall be so given in the case of any action covered by clause (i) or (ii) above at least twenty (20) calendar days prior to the record date for determining registered holders of the Preferred Shares for purposes of such action, and in the case of any such other action, at least twenty (20) calendar days prior to the date of the taking of such proposed action or the date of participation therein by the registered holders of the Preferred Shares, whichever shall be the earlier; provided, however, that no such action shall be taken pursuant to this Section 25(a) that will or would conflict with any provision of the Company’s Restated Certificate of Incorporation; provided, further, that no such notice shall be required pursuant to this Section 25, if any Subsidiary of the Company effects a consolidation or merger with or into, or effects a sale or other transfer of assets or earning power to, any other Subsidiary of the Company.

(b) In case a Section 11(a)(ii) Event shall occur, then, in any case, (i) the Company shall as soon as practicable thereafter give to the Rights Agent, and, to the extent feasible, each registered holder of a Rights Certificate, to the extent feasible and in accordance with Section 26 hereof, a notice of the occurrence of such event, which shall specify the event and the consequences of the event to registered holders of Rights under Section 11(a)(ii) hereof, and (ii) all references in Section 25(a) to Preferred Shares shall be deemed thereafter to refer to Common Shares and/or, if appropriate, other securities.

Notwithstanding anything to the contrary that may be contained in this Section 25 or elsewhere in this Agreement, the failure to give, or any defect in, any notice required to be given pursuant to this Section 25 shall not affect the legality or validity of the transaction or event to which the notice requirement was applicable.

In case any Section 13 Event shall occur, then the Company shall, as soon as practicable thereafter, give to each registered holder of a Rights Certificate, to the extent feasible, and to the Rights Agent in accordance with Section 26 hereof, a written notice of the occurrence of such event, which notice shall describe such event and the consequences of such event to the holders of Rights under Section 13(a) hereof.

Section 26. Notices. Notices or demands authorized by this Agreement to be given or made by the Rights Agent or by the holder of any Rights Certificate to or on the Company will be sufficiently given or made if in writing and sent by a recognized national overnight delivery service, or first-class mail, postage prepaid, addressed (until another address is filed in writing with the Rights Agent by the Company) as follows:

ADMA Biologics, Inc.  
465 State Route 17  
Ramsey, NJ 07446  
Attention: General Counsel

with copies (which will not constitute notice) to:

Morgan, Lewis & Bockius LLP  
502 Carnegie Center  
Princeton, NJ 08540  
Attention: David C. Schwartz, Esq.

Subject to the provisions of Section 21 hereof, any notice or demand authorized by this Agreement to be given or made by the Company, or by the registered holder of any Rights Certificate to or on the Rights Agent shall be sufficiently given or made if sent by (i) first-class mail, postage prepaid, (ii) a recognized national overnight delivery service, prepaid, or (iii) courier or messenger service, in each case addressed (until another address is filed in writing by the Rights Agent with the Company) as follows:

Continental Stock Transfer and Trust Company  
1 State Street  
30th Floor  
New York, NY 10004  
Attention: General Counsel

Notices or demands authorized by this Agreement to be given or made by the Company or the Rights Agent to the registered holder of any Rights Certificate or, if prior to the Distribution Date, to the registered holder of the Common Shares shall be sufficiently given or made if sent by first-class mail, postage prepaid, addressed to such holder at the address of such holder as shown on the registry books of the Rights Agent or, if prior to the Distribution Date, as shown on the registry books of the transfer agent for the Common Shares.

Section 27. Supplements and Amendments. Except as otherwise provided in this Section 27, the Company, by action of the Board, may from time to time and in its sole and absolute discretion, and the Rights Agent shall if the Company so directs, supplement or amend this Agreement in any respect without the approval of any holders of Rights, including, without limitation, in order to (a) cure any ambiguity contained herein, (b) correct or supplement any provision contained herein that may be defective or inconsistent with any other provisions contained herein, (c) shorten or lengthen any time period hereunder, or (d) otherwise change, amend, or supplement any provisions hereunder in any manner that the Company may deem necessary or desirable; provided, however, that from and after such time as any Person becomes an Acquiring Person, this Agreement shall not be supplemented or amended in any manner that would adversely affect the interests of the holders of Rights (other than Rights that have become null and void pursuant to Section 7(e) hereof) as such or cause this Agreement to become amendable other than in accordance with this Section 27. Any such supplement or amendment shall be evidenced by a writing executed by the Company and the Rights Agent. Without limiting the foregoing, the Company, by action of the Board, may at any time before any Person becomes an Acquiring Person amend this Agreement to make the provisions of this Agreement inapplicable to a particular transaction by which a Person might otherwise become an Acquiring Person or to otherwise alter the terms and conditions of this Agreement as they may apply with respect to any such transaction. Upon the delivery of a certificate from an authorized officer of the Company which states that the proposed supplement or amendment is in compliance with the terms of this Section 27, the Rights Agent shall execute such supplement or amendment; provided that the Rights Agent shall not be obligated to enter into any supplement or amendment that adversely affects the rights, duties, obligations or immunities of the Rights Agent under this Agreement. Prior to the Distribution Date, the interests of the holders of Rights shall be deemed coincident with the interests of the holders of the Common Shares.

Section 28. Successors. All the covenants and provisions of this Agreement by or for the benefit of the Company or the Rights Agent shall bind and inure to the benefit of their respective successors and assigns hereunder.

Section 29. Determinations and Actions by the Board. The Board shall have the exclusive power and authority to administer this Agreement and to exercise all rights and powers specifically granted to the Board or to the Company, or as may be necessary or advisable in the administration of this Agreement, including, without limitation, the right and power to (i) interpret the provisions of this Agreement, and (ii) make all determinations deemed necessary or advisable for the administration of this Agreement (including, without limitation, a determination to redeem or not redeem the Rights or to amend or supplement this Agreement and whether any proposed amendment adversely affects the interests of the holders of Right Certificates). For all purposes of this Agreement, any calculation of the number of Common Shares or other securities outstanding at any particular time, including for purposes of determining the particular percentage of such outstanding Common Shares or any other securities of which any Person is the Beneficial Owner, shall be made in accordance with the last sentence of Rule 13d-3(d)(1)(i) of the General Rules and Regulations under the Exchange Act as in effect on the date of this Agreement. All such actions, calculations, interpretations and determinations (including, for purposes of clause (y) below, all omissions with respect to the foregoing) that are done or made by the Board in good faith, shall (x) be final, conclusive and binding on the Company, the Rights Agent, the registered holders of the Rights and all other parties, and (y) not subject the Board, or any member thereof, to any liability to the registered holders of the Rights. The Rights Agent is entitled always to assume the Company's Board acted in good faith and shall be fully protected and incur no liability in reliance thereon.

Section 30. Benefits of this Agreement. Nothing in this Agreement shall be construed to give to any Person other than the Company, the Rights Agent and the registered holders of the Rights Certificates (and, prior to the Distribution Date, the Common Shares) any legal or equitable right, remedy or claim under this Agreement; but this Agreement shall be for the sole and exclusive benefit of the Company, the Rights Agent and the registered holders of the Rights Certificates (and, prior to the Distribution Date, the Common Shares).

Section 31. Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction or other authority to be invalid, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions of this Agreement shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

Section 32. Governing Law. This Agreement, each Right and each Rights Certificate issued hereunder shall be deemed to be a contract made under the laws of the State of Delaware and for all purposes shall be governed by and construed in accordance with the laws of such jurisdiction applicable to contracts made and to be performed entirely within such jurisdiction; provided, however, that all provisions regarding the rights, duties, and obligations of the Rights Agent shall be governed by and construed in accordance with the laws of the State of New York applicable to contracts made and to be performed entirely within such State.

Section 33. Counterparts; Facsimiles and PDFs. This Agreement and any supplements or amendments hereto may be executed in any number of counterparts and each of such counterparts will for all purposes be deemed to be an original, and all such counterparts will together constitute one and the same instrument, it being understood that all parties need not sign the same counterpart. A signature to this Agreement executed or transmitted electronically (including by facsimile and a portable document format signature) will have the same authority, effect and enforceability as an original signature. No party hereto may raise the use of such electronic execution or transmission to deliver a signature, or the fact that any signature or agreement or instrument was transmitted or communicated through such electronic transmission, as a defense to the formation of a contract, and each party forever waives any such defense, except to the extent such defense relates to lack of authenticity.

Section 34. Descriptive Headings. Descriptive headings of the several sections of this Agreement are inserted for convenience only and shall not control or affect the meaning or construction of any of the provisions of this Agreement.

Section 35. Force Majeure. Notwithstanding anything to the contrary contained herein, the Rights Agent shall not be liable for any delays or failures in performance resulting from acts beyond its reasonable control including, without limitation, acts of God, terrorist acts, shortage of supply, breakdowns or malfunctions, interruptions or malfunction of computer facilities, or loss of data due to power failures or mechanical difficulties with information storage or retrieval systems, labor difficulties, war, or civil unrest.

Section 36. Further Assurance. The Company shall perform, acknowledge and deliver or cause to be performed, acknowledged and delivered all such further and other acts, documents, instruments and assurances as may be reasonably required by the Rights Agent for its carrying out or performing the provisions of this Agreement.

[SIGNATURE PAGE FOLLOWS]



IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the day and year first above written.

ADMA BIOLOGICS, INC.

By: /s/ Adam S. Grossman

Name: Adam S. Grossman

Title: President and Chief Executive Officer

CONTINENTAL STOCK TRANSFER AND TRUST COMPANY, AS RIGHTS  
AGENT

By: /s/ Stacy Acqui

Name: Stacy Acqui

Title: Vice President

[SIGNATURE PAGE TO RIGHTS AGREEMENT]

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AMENDED AND RESTATED CERTIFICATE OF DESIGNATION  
OF  
SERIES A JUNIOR PARTICIPATING PREFERRED STOCK  
OF  
ADMA BIOLOGICS, INC.

(Pursuant to Section 151 of the Delaware General Corporation Law)

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ADMA Biologics, Inc. (the “**Corporation**”), a corporation organized and existing under the General Corporation Law of the State of the Delaware, as amended (the “**DGCL**”), hereby certifies that, pursuant to the authority granted by Article FOURTH of the Certificate of Incorporation of the Corporation, as amended (the “**Restated Certificate of Incorporation**”), and in accordance with Section 151 of the DGCL, the Board of Directors of the Corporation (hereinafter being referred to as the “**Board of Directors**” or the “**Board**”), at a meeting duly called and held on December 14, 2021 and pursuant to a unanimous written consent on December 20, 2021, has adopted the following resolution with respect to the designations, number of shares, preferences, voting powers and other rights and the restrictions and limitations thereof, of the Series A Junior Participating Preferred Stock.

WHEREAS, the Certificate of Incorporation of this Corporation provides for two classes of shares known as common stock (“Common Stock”) and preferred stock (“Preferred Stock”); and

WHEREAS, the Board of Directors of this Corporation is authorized by the Certificate of Incorporation to provide for the issuance of the shares of Preferred Stock in series, and by filing a certificate pursuant to the applicable law of the State of Delaware, to establish from time to time the number of shares to be included in each such series, and to fix the designation, preferences and rights of the shares of each such series and the qualifications, limitations and restrictions thereof.

NOW, THEREFORE, BE IT RESOLVED, that, pursuant to the authority granted to and vested in the Board of Directors in accordance with the provisions of the Restated Certificate of Incorporation, the designations, number of shares, preferences, voting powers and other rights and the restrictions and limitations thereof of the Series A Junior Participating Preferred Stock are as follows:

1. Designation and Amount. The shares of such series shall be designated as “Series A Junior Participating Preferred Stock” (the “**Series A Preferred Stock**”) and the number of shares constituting the Series A Preferred Stock shall be 10,000. Such number of shares may be increased or decreased by resolution of the Board of Directors prior to issuance; provided, however, that no decrease shall reduce the number of shares of the Series A Preferred Stock to a number less than the number of shares then outstanding plus the number of shares reserved for issuance upon the exercise of outstanding options, rights or warrants or upon the conversion of any outstanding securities issued by the Corporation convertible into the Series A Preferred Stock; provided, further, that if more than a total 10,000 shares of Series A Preferred Stock shall be issuable upon the exercise of Rights (the “**Rights**”) issued pursuant to the Rights Agreement, dated as of December 20, 2021, and as supplemented, restated or amended from time to time, by and between the Corporation and Continental Stock Transfer and Trust Company, as rights agent (the “**Rights Agreement**”), the Board, pursuant to Section 151(g) of the DGCL, shall direct by resolution or resolutions that a certificate be properly executed, acknowledged, filed and recorded, in accordance with the provisions of Section 103 of the DGCL, providing for the total number of shares of Series A Preferred Stock authorized to be issued to be increased (to the extent that the Restated Certificate of Incorporation then permits) to the largest number of whole shares (rounded up to the nearest whole number) issuable upon exercise of such Rights.

2. Dividends and Distributions.

(a) Subject to the rights of the holders of any shares of any series of Preferred Stock of the Corporation (the “**Preferred Stock**”) (or any similar stock) ranking prior and superior to the shares of Series A Preferred Stock with respect to dividends, the holders of shares of the Series A Preferred Stock, in preference to the holders of common stock, par value \$0.0001 per share, of the Corporation (the “**Common Stock**”) and of any other stock of the Corporation ranking junior to the Series A Preferred Stock, shall be entitled to receive, when, as and if declared by the Board of Directors out of funds of the Corporation legally available for the payment of dividends, quarterly dividends payable in cash on the last day of each fiscal quarter of the Corporation in each year, or such other dates as the Board of Directors shall approve (each such date being referred to herein as a “**Quarterly Dividend Payment Date**”), commencing on the first Quarterly Dividend Payment Date after the first issuance of a share or fraction of a share of the Series A Preferred Stock (the “**Issue Date**”), in an amount per share (rounded to the nearest cent) equal to the greater of (i) \$1.00 or (ii) subject to the provision for adjustment hereinafter set forth, 1,000 times the aggregate per share amount of all cash dividends, and 1,000 times the aggregate per share amount (payable in kind) of all non-cash dividends or other distributions other than a dividend payable in shares of Common Stock or a subdivision of the outstanding shares of the Common Stock (by reclassification or otherwise), declared on the Common Stock since the immediately preceding Quarterly Dividend Payment Date or, with respect to the first Quarterly Dividend Payment Date, since the first issuance of any share or fraction of a share of Series A Preferred Stock. In the event the Corporation shall at any time after the Issue Date (A) declare and pay any dividend on the Common Stock payable in shares of Common Stock, or (B) effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise than by payment of a dividend in shares of Common Stock) into a greater or lesser number of shares of Common Stock, then in each such case the amount to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event under clause (ii) of the preceding sentence shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event. In the event the Corporation shall at any time declare or pay any dividend on the Series A Preferred Stock payable in shares of Series A Preferred Stock, or effect a subdivision, combination or consolidation of the outstanding shares of Series A Preferred Stock (by reclassification or otherwise than by payment of a dividend in shares of Series A Preferred Stock) into a greater or lesser number of shares of Series A Preferred Stock, then in each such case the amount to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event under clause (ii) of the first sentence of this Section 2(a) shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Series A Preferred Stock that were outstanding immediately prior to such event and the denominator of which is the number of shares of Series A Preferred Stock outstanding immediately after such event.

(b) The Corporation shall declare a dividend or distribution on the Series A Preferred Stock as provided in paragraph (a) of this Section 2 immediately after it declares a dividend or distribution on the Common Stock (other than a dividend payable in shares of Common Stock); and the Corporation shall pay such dividend or distribution on the Series A Preferred Stock before the dividend or distribution declared on the Common Stock is paid or set apart; provided that, in the event no dividend or distribution shall have been declared on the Common Stock during the period between any Quarterly Dividend Payment Date and the next subsequent Quarterly Dividend Payment Date, a dividend of \$1.00 per share on the Series A Preferred Stock shall nevertheless be payable, when, as and if declared, on such subsequent Quarterly Dividend Payment Date.

(c) Dividends shall begin to accrue and be cumulative, whether or not declared, on outstanding shares of Series A Preferred Stock from the Quarterly Dividend Payment Date next preceding the date of issue of such shares, unless the date of issue of such shares is prior to the record date for the first Quarterly Dividend Payment Date, in which case dividends on such shares shall begin to accrue from the date of issue of such shares, or unless the date of issue is a Quarterly Dividend Payment Date or is a date after the record date for the determination of holders of shares of Series A Preferred Stock entitled to receive a quarterly dividend and before such Quarterly Dividend Payment Date, in either of which events such dividends shall begin to accrue and be cumulative from such Quarterly Dividend Payment Date. Accrued but unpaid dividends shall not bear interest. Dividends paid on the shares of Series A Preferred Stock in an amount less than the total amount of such dividends at the time accrued and payable on such shares shall be allocated pro rata on a share-by-share basis among all such shares at the time outstanding. The Board of Directors may fix a record date for the determination of holders of shares of Series A Preferred Stock entitled to receive payment of a dividend or distribution declared thereon, which record date shall be not more than sixty (60) calendar days prior to the date fixed for the payment thereof.

3. Voting Rights. The holders of shares of Series A Preferred Stock shall have the following voting rights:

(a) Subject to the provision for adjustment hereinafter set forth and except as otherwise provided in the Restated Certificate of Incorporation or required by law, each share of Series A Preferred Stock shall entitle the holder thereof to 1,000 votes on all matters upon which the holders of the Common Stock of the Corporation are entitled to vote. In the event the Corporation shall at any time after the Issue Date (i) declare or pay any dividend on the Common Stock payable in shares of Common Stock, or (ii) effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise than by payment of a dividend in shares of Common Stock) into a greater or lesser number of shares of Common Stock, then in each such case the number of votes per share to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event shall be adjusted by multiplying such number by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event. In the event the Corporation shall at any time declare or pay any dividend on the Series A Preferred Stock payable in shares of Series A Preferred Stock, or effect a subdivision, combination or consolidation of the outstanding shares of Series A Preferred Stock (by reclassification or otherwise than by payment of a dividend in shares of Series A Preferred Stock) into a greater or lesser number of shares of Series A Preferred Stock, then in each such case the number of votes per share to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Series A Preferred Stock that were outstanding immediately prior to such event and the denominator of which is the number of shares of Series A Preferred Stock outstanding immediately after such event.

(b) Except as otherwise provided herein, in the Restated Certificate of Incorporation or in any other Certificate of Designations creating a series of Preferred Stock or any similar stock, and except as otherwise required by law, the holders of shares of Series A Preferred Stock and the holders of shares of Common Stock and any other capital stock of the Corporation having general voting rights shall vote together as one class on all matters submitted to a vote of stockholders of the Corporation.

(c) (i) If at any time dividends on any Series A Preferred Stock shall be in arrears in an amount equal to six (6) quarterly dividends thereon, then and in such event the holders of the Series A Preferred Stock, voting as a separate series from all other series of Preferred Stock and classes of capital stock, shall be entitled to elect two (2) members of the Board in addition to any Directors elected by any other series, class or classes of securities and the authorized number of Directors will automatically be increased by two (2). Promptly thereafter, the Board of the Corporation shall, as soon as may be practicable, call a special meeting of holders of Series A Preferred Stock for the purpose of electing such members of the Board. Such special meeting shall in any event be held within forty-five (45) calendar days of the occurrence of such arrearage.

(ii) During any period when the holders of Series A Preferred Stock, voting as a separate series, shall be entitled and shall have exercised their right to elect two (2) Directors, then, and during such time as such right continues, (a) the then authorized number of Directors shall be increased by two (2), and the holders of Series A Preferred Stock, voting as a separate series, shall be entitled to elect the additional Directors so provided for, and (b) each such additional Director shall serve until the next annual meeting of stockholders for the election of Directors, or until his successor shall be elected and shall qualify, or until his right to hold such office terminates pursuant to the provisions of this Section 3(c).

(iii) A Director elected pursuant to the terms hereof may be removed with or without cause by the holders of Series A Preferred Stock entitled to vote in an election of such Director.

(iv) If, during any interval between annual meetings of stockholders for the election of Directors and while the holders of Series A Preferred Stock shall be entitled to elect two (2) Directors, there is no such Director in office by reason of resignation, death or removal, then, promptly thereafter, the Board shall call a special meeting of the holders of Series A Preferred Stock for the purpose of filling such vacancy and such vacancy shall be filled at such special meeting. Such special meeting shall in any event be held within forty-five (45) calendar days of the occurrence of such vacancy.

(v) At such time as the arrearage is fully cured, and all dividends accumulated and unpaid on any shares of Series A Preferred Stock outstanding are paid, and, in addition thereto, at least one regular dividend has been paid subsequent to curing such arrearage, the term of office of any Director elected pursuant to this Section 3(c), or his successor, shall automatically terminate, and the authorized number of Directors shall automatically decrease by two (2), the rights of the holders of the shares of the Series A Preferred Stock to vote as provided in this Section 3(c) shall cease, subject to renewal from time to time in the case of any such future dividend default or defaults upon the same terms and conditions, and the holders of shares of the Series A Preferred Stock shall have only the limited voting rights elsewhere herein set forth.

(d) Except as set forth herein, or as otherwise provided by law, the holders of Series A Preferred Stock shall have no special voting rights and their consent shall not be required (except to the extent they are entitled to vote with holders of Common Stock as set forth herein) for taking any corporate action.

#### 4. Certain Restrictions.

(a) Whenever quarterly dividends or other dividends or distributions payable on the Series A Preferred Stock as provided in Section 2 hereof are in arrears, thereafter and until all accrued and unpaid dividends and distributions, whether or not declared, on shares of Series A Preferred Stock outstanding shall have been paid in full, the Corporation shall not:

(i) declare or pay dividends, or make any other distributions, on any shares of stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock;

(ii) declare or pay dividends, or make any other distributions, on any shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except dividends paid ratably on the Series A Preferred Stock and all such parity stock on which dividends are payable or in arrears in proportion to the total amounts to which the holders of all such shares are then entitled;

(iii) redeem or purchase or otherwise acquire for consideration shares of any stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock, provided that, the Corporation may at any time redeem, purchase or otherwise acquire shares of any such junior stock in exchange for shares of any stock of the Corporation ranking junior (either as to dividends or upon dissolution, liquidation or winding up) to the Series A Preferred Stock or rights, warrants or options to acquire such junior stock; or

(iv) redeem or purchase or otherwise acquire for consideration any shares of Series A Preferred Stock, or any shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except in accordance with a purchase offer made in writing or by publication (as determined by the Board of Directors) to all holders of such shares upon such terms as the Board of Directors, after consideration of the respective annual dividend rates and other relative rights and preferences of the respective series and classes, shall determine in good faith will result in fair and equitable treatment among the respective series or classes.

(b) The Corporation shall not permit any subsidiary of the Corporation to purchase or otherwise acquire for consideration any shares of stock of the Corporation unless the Corporation could, under paragraph (a) of this Section 4, purchase or otherwise acquire such shares at such time and in such manner.

5. Reacquired Shares. Any shares of Series A Preferred Stock purchased or otherwise acquired by the Corporation in any manner whatsoever shall be retired and cancelled promptly after the acquisition thereof. All such shares shall upon their cancellation become authorized but unissued shares of Preferred Stock and may be reissued, without designation as to series until such shares are once more designated as part of a particular series of Preferred Stock by resolution or resolutions of the Board of Directors, subject to the conditions and restrictions on issuance set forth herein, in the Restated Certificate of Incorporation, or in any other Certificate of Designations creating a series of Preferred Stock or any similar stock or as otherwise required by law.

6. Liquidation, Dissolution or Winding Up. (a) Upon any liquidation, dissolution or winding up of the Corporation, no distribution shall be made (i) to the holders of the Common Stock or of shares of any other stock of the Corporation ranking junior, either as to dividends or upon liquidation, dissolution or winding up, to the Series A Preferred Stock unless, prior thereto, the holders of shares of Series A Preferred Stock shall have received \$1,000 per share, plus an amount equal to accrued and unpaid dividends and distributions thereon, whether or not declared, to the date of such payment, provided that, the holders of shares of Series A Preferred Stock shall be entitled to receive an aggregate amount per share, subject to the provision for adjustment hereinafter set forth, equal to 1,000 times the aggregate amount to be distributed per share to holders of shares of Common Stock, or (ii) to the holders of shares of stock ranking on a parity either as to dividends or upon liquidation, dissolution or winding up with the Series A Preferred Stock, except distributions made ratably on the Series A Preferred Stock and all such parity stock in proportion to the total amounts to which the holders of all such shares are entitled upon such liquidation, dissolution or winding up. In the event, however, that there are not sufficient assets available to permit payment in full of the Series A Preferred Stock liquidation preference and the liquidation preferences of all other classes and series of stock of the Corporation, if any, that rank on a parity with the Series A Preferred Stock in respect thereof, then the assets available for such distribution shall be distributed ratably to the holders of the Series A Preferred Stock and the holders of such parity shares in the proportion to their respective liquidation preferences. In the event the Corporation shall at any time after the Issue Date (A) declare or pay any dividend on the Common Stock payable in shares of Common Stock, or (B) effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise than by payment of a dividend in shares of Common Stock) into a greater or lesser number of shares of Common Stock, then in each such case the aggregate amount to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event under the proviso in clause (i) of this Section 6(a) shall be adjusted by multiplying such amount by a fraction the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event. In the event the Corporation shall at any time declare or pay any dividend on the Series A Preferred Stock payable in shares of Series A Preferred Stock, or effect a subdivision, combination or consolidation of the outstanding shares of Series A Preferred Stock (by reclassification or otherwise than by payment of a dividend in shares of Series A Preferred Stock) into a greater or lesser number of shares of Series A Preferred Stock, then in each such case the aggregate amount to which holders of shares of Series A Preferred Stock were entitled immediately prior to such event under the proviso in clause (i) of this Section 6(a) shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Series A Preferred Stock that were outstanding immediately prior to such event and the denominator of which is the number of shares of Series A Preferred Stock outstanding immediately after such event.

(b) Neither the merger, consolidation or other business combination of the Corporation into or with another entity nor the merger, consolidation or other business combination of any other entity into or with the Corporation (nor the sale, lease, exchange or conveyance of all or substantially all of the property, assets or business of the Corporation) shall be deemed to be a liquidation, dissolution or winding up of the Corporation within the meaning of this Section 6.

7. Consolidation, Merger, etc. Notwithstanding anything to the contrary contained herein, in case the Corporation shall enter into any consolidation, merger, combination or other transaction in which the shares of Common Stock are converted into, exchanged for or changed into other stock or securities, cash and/or any other property (payable in kind), then in any such case each share of Series A Preferred Stock shall at the same time be similarly converted into, exchanged for or changed into an amount per share (subject to the provision for adjustment hereinafter set forth) equal to 1,000 times the aggregate amount of stock, securities, cash and/or any other property (payable in kind), as the case may be, into which or for which each share of Common Stock is converted or exchanged. In the event the Corporation shall at any time after the Issue Date (i) declare or pay any dividend on the Common Stock payable in shares of Common Stock, or (ii) effect a subdivision or combination or consolidation (by reclassification or otherwise than by payment of a dividend in shares of Common Stock) of the outstanding shares of Common Stock into a greater or lesser number of shares of Common Stock, then in each such case the amount set forth in the preceding sentence with respect to the conversion, exchange or change of shares of Series A Preferred Stock shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event. In the event the Corporation shall at any time declare or pay any dividend on the Series A Preferred Stock payable in shares of Series A Preferred Stock, or effect a subdivision, combination or consolidation of the outstanding shares of Series A Preferred Stock (by reclassification or otherwise than by payment of a dividend in shares of Series A Preferred Stock) into a greater or lesser number of shares of Series A Preferred Stock, then in each such case the amount set forth in the first sentence of this Section 7 with respect to the exchange or change of shares of Series A Preferred Stock shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Series A Preferred Stock that were outstanding immediately prior to such event and the denominator of which is the number of shares of Series A Preferred Stock outstanding immediately after such event.



8. No Redemption. The shares of Series A Preferred Stock shall not be redeemable from any holder.

9 . Rank. The Series A Preferred Stock shall rank, with respect to the payment of dividends and the distribution of assets upon liquidation, dissolution or winding up of the Corporation, junior to all series of any other class of the Preferred Stock issued either before or after the issuance of the Series A Preferred Stock, unless the terms of any such series shall provide otherwise, and shall rank senior to the Common Stock.

1 0 . Amendment. At such time as any shares of Series A Preferred Stock are outstanding, if any proposed amendment to the Restated Certificate of Incorporation (including this Amended and Restated Certificate of Designation) would materially alter, change or repeal any of the preferences, powers or special rights given to the Series A Preferred Stock so as to affect the Series A Preferred Stock adversely, then the holders of the Series A Preferred Stock shall be entitled to vote separately as a class upon such amendment, and the affirmative vote of two-thirds of the outstanding shares of the Series A Preferred Stock, voting separately as a single class, shall be necessary for the adoption thereof, in addition to such other vote as may be required by the DGCL.

1 1 . Fractional Shares. Series A Preferred Stock may be issued in fractions of a share that shall entitle the holder, in proportion to such holder's fractional shares, to exercise voting rights, receive dividends, participate in distributions and to have the benefit of all other rights of holders of Series A Preferred Stock.

**IN WITNESS WHEREOF**, the undersigned have signed and attested this Amended and Restated Certificate of Designation on this 20th day of December 2021.

ADMA BIOLOGICS, INC.

By: \_\_\_\_\_

Name: Adam S. Grossman

Title: Chief Executive Officer

Attest:

\_\_\_\_\_  
Secretary

**FORM OF RIGHTS CERTIFICATE**

Certificate No. R-

\_\_\_\_\_ Rights

NOT EXERCISABLE AFTER 5:00 P.M., NEW YORK CITY TIME, ON JUNE 15, 2022 UNLESS THE RIGHTS ARE EARLIER REDEEMED OR EXCHANGED. THE RIGHTS ARE SUBJECT TO REDEMPTION AT \$0.001 PER RIGHT AND TO EXCHANGE, IN EACH CASE, AT THE OPTION OF THE COMPANY, ON THE TERMS SET FORTH IN THE RIGHTS AGREEMENT. THE RIGHTS EVIDENCED BY THIS CERTIFICATE SHALL NOT BE EXERCISABLE, AND SHALL BE VOID SO LONG AS HELD BY A HOLDER IN ANY JURISDICTION WHERE THE REQUISITE QUALIFICATION FOR THE ISSUANCE TO SUCH HOLDER, OR THE EXERCISE BY SUCH HOLDER, OF THE RIGHTS IN SUCH JURISDICTION SHALL NOT HAVE BEEN OBTAINED OR BE OBTAINABLE. UNDER CERTAIN CIRCUMSTANCES SET FORTH IN THE RIGHTS AGREEMENT, RIGHTS BENEFICIALLY OWNED BY ANY PERSON WHO IS, WAS OR BECOMES AN ACQUIRING PERSON OR ANY RELATED PERSON THEREOF (AS SUCH TERMS ARE DEFINED IN THE RIGHTS AGREEMENT), WHETHER CURRENTLY BENEFICIALLY OWNED BY OR ON BEHALF OF SUCH PERSON OR BY ANY SUBSEQUENT BENEFICIAL OWNER, MAY BECOME NULL AND VOID AND NO LONGER TRANSFERABLE. [THE RIGHTS REPRESENTED BY THIS RIGHTS CERTIFICATE ARE OR WERE BENEFICIALLY OWNED BY OR ON BEHALF OF A PERSON WHO IS, WAS OR BECAME AN ACQUIRING PERSON OR A RELATED PERSON OF AN ACQUIRING PERSON (AS SUCH TERMS ARE DEFINED IN THE RIGHTS AGREEMENT). ACCORDINGLY, THIS RIGHTS CERTIFICATE AND THE RIGHTS REPRESENTED HEREBY MAY BECOME NULL AND VOID IN THE CIRCUMSTANCES SPECIFIED IN SECTION 7(e) OF SUCH AGREEMENT.]<sup>1</sup>

RIGHTS CERTIFICATE

ADMA BIOLOGICS, INC.

This certifies that \_\_\_\_\_, or registered assigns, is the registered owner of the number of Rights set forth above, each of which entitles the owner thereof, subject to the terms, provisions and conditions of the Rights Agreement, dated as of December 20, 2021, and as supplemented, restated or amended from time to time (the “**Rights Agreement**”), by and between ADMA Biologics, Inc., a Delaware corporation (the “**Company**”), and Continental Stock Transfer and Trust Company, as rights agent (the “**Rights Agent**”), to purchase from the Company at any time after the Distribution Date (as such term is defined in the Rights Agreement) and prior to 5:00 p.m., New York City time, on June 15, 2022, unless the Rights are previously redeemed or exchanged, at the office or offices of the Rights Agent designated for such purpose, or its successors as Rights Agent, one one-thousandth of a fully paid, nonassessable share of Series A Junior Participating Preferred Stock, par value \$0.0001 per share, of the Company (a “**Preferred Share**”), at a purchase price of \$8.00 in cash per one one-thousandth of a Preferred Share (such purchase price, as may be adjusted, the “**Purchase Price**”), upon presentation and surrender of this Rights Certificate with the Form of Election to Purchase and related certificate duly executed. The Company reserves the right to require prior to the occurrence of a Triggering Event (as such term is defined in the Rights Agreement) that a number of Rights be exercised so that only whole Preferred Shares will be issued. Capitalized terms used herein and not otherwise defined herein shall have the meanings ascribed to such terms in the Rights Agreement.

\_\_\_\_\_

<sup>1</sup> The portion of the legend in brackets shall be inserted only if applicable and shall replace the preceding sentence.

This Rights Certificate is subject to all of the terms, covenants, and restrictions of the Rights Agreement, which terms, covenants, and restrictions are hereby incorporated herein by reference and made a part hereof and to which Rights Agreement reference is hereby made for a full description of the rights, limitations of rights, obligations, duties and immunities hereunder of the Rights Agent, the Company and the holders of the Rights Certificates, which limitations of rights include the temporary suspension of the exercisability of such Rights under the specific circumstances set forth in the Rights Agreement. Copies of the Rights Agreement are on file at the principal executive offices of the Company and the office or offices of the Rights Agent and are also available upon written request to the Rights Agent.

In certain circumstances described in the Rights Agreement, the Rights evidenced thereby may entitle the registered holder thereof to purchase capital stock of an entity other than the Company or receive capital stock, cash, or other assets of an entity other than the Company, all as provided in the Rights Agreement. Upon the occurrence (whether prior to, on or after the date of this Rights Certificate) of a Section 11(a)(ii) Event (as such term is defined in the Rights Agreement), if the Rights evidenced by this Rights Certificate are beneficially owned by (i) an Acquiring Person or a Related Person of any such Acquiring Person (as such terms are defined in the Rights Agreement), (ii) a transferee of any such Acquiring Person or of any such Related Person thereof who becomes a transferee after the Acquiring Person becomes an Acquiring Person, or (iii) under certain circumstances specified in the Rights Agreement, a transferee of a person who, concurrently with or prior to such transfer, became an Acquiring Person, or a Related Person of an Acquiring Person, such Rights shall become null and void and will no longer be transferable and no holder hereof shall have any right with respect to such Rights from and after the occurrence of such Section 11(a)(ii) Event.

As provided in the Rights Agreement, the Purchase Price, and the number of one one-thousandths of a Preferred Share or other securities issuable upon exercise of a Right and the number of Rights outstanding are subject to modification and adjustment upon the happening of certain events, including Triggering Events.

This Rights Certificate, with or without other Rights Certificates, upon surrender at the office or offices of the Rights Agent designated for such purpose, with the Form of Election and Certificate set forth on the reverse side properly completed and duly executed, may be exchanged for another Rights Certificate or Rights Certificates of like tenor and date evidencing Rights entitling the holder to purchase a like aggregate number of one one-thousandths of a Preferred Share as the Rights evidenced by the Rights Certificate or Rights Certificates surrendered shall have entitled such holder to purchase. If this Rights Certificate shall be exercised in part, the holder shall be entitled to receive upon surrender hereof another Rights Certificate or Rights Certificates for the number of whole Rights not exercised.

Subject to the provisions of the Rights Agreement, the Rights evidenced by this Rights Certificate may be redeemed by the Company under certain circumstances, at its option, at a redemption price of \$0.001 per Right, payable in cash, or other securities or property of the Company, as determined by the Board of Directors of the Company, in the exercise of its sole discretion, at any time prior to the earlier of (i) the Close of Business on the tenth (10th) Business Day (or such later date as may be determined by the Board pursuant to clause (i) of the first sentence of Section 3(a) of the Rights Agreement with respect to the Distribution Date) following the Shares Acquisition Date (or, if the Shares Acquisition Date shall have occurred prior to the Record Date, the Close of Business on the tenth (10th) Business Day following the Record Date), and (ii) the Final Expiration Date. The redemption of the Rights may be made effective at such time, on such basis, and subject to such conditions as the Board of Directors in its sole discretion may establish.

In addition, subject to the provisions of the Rights Agreement, under certain circumstances following the occurrence of a Section 11(a)(ii) Event, but before any person (other than certain exempted or grandfathered persons) acquires beneficial ownership of fifty percent (50%) or more of the Common Shares (as such term is defined in the Rights Agreement), the then outstanding and exercisable Rights (which shall not include Rights held by the Acquiring Person that shall have become null and void and nontransferable pursuant to the provisions of the Rights Agreement) may be exchanged, in whole or in part, for Common Shares at an exchange rate of one Common Share for each Right (subject to adjustment for certain events as provided in the Rights Agreement).

In any such exchange, the Company, at its option, may, and to the extent there are an insufficient number of authorized Common Shares not reserved for any other purpose to exchange for all of the outstanding Rights, shall, substitute Preferred Shares or other securities of the Company for some or all of the Common Shares exchangeable for Rights such that the aggregate value received by a holder of Rights in exchange for each Right is substantially the same value as one Common Share. The exchange of the Rights by the Company may be made effective at such time, on such basis, and subject to such conditions as the Board in its sole discretion may establish.

Immediately upon the action of the Board of Directors of the Company authorizing any such redemption or exchange, and without any further action or any notice, the Rights (other than Rights that are not subject to such redemption or exchange) will terminate and the Rights will only enable holders to receive the redemption price without any interest thereon or the shares issuable upon such exchange, as applicable.

No fractional Preferred Shares or fractional shares of other securities will be issued upon the exercise of any Right or Rights evidenced hereby (other than fractions that are integral multiples of one one-thousandth of a Preferred Share, which may, at the election of the Company, be evidenced by depositary receipts), but in lieu thereof a cash payment may be made, as provided in the Rights Agreement.

No holder of this Rights Certificate, as such, shall be entitled to vote or receive dividends or be deemed for any purpose the holder of Preferred Shares or of any other securities of the Company which may at any time be issuable on the exercise hereof, nor shall anything contained in the Rights Agreement or herein be construed to confer upon the holder hereof, as such, any of the rights of a stockholder of the Company or any right to vote for the election of directors or upon any matter submitted to stockholders at any meeting thereof, or to give or withhold consent to any corporate action, or to receive notice of meetings or other actions affecting stockholders (except as may otherwise be provided in the Rights Agreement), or to receive dividends or other distributions or to exercise any preemptive or subscription rights, or otherwise, unless and until the Right or Rights evidenced by this Rights Certificate shall have been exercised as provided in the Rights Agreement.

This Rights Certificate shall not be valid or obligatory for any purpose until it shall have been countersigned by the Rights Agent.

WITNESS the facsimile signature or portable document format of the proper officers of the Company.

Dated as of \_\_, 20 \_\_.

ADMA BIOLOGICS, INC.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Countersigned:

CONTINENTAL STOCK TRANSFER AND TRUST COMPANY, as Rights Agent

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

FORM OF ASSIGNMENT

(To be executed by the registered holder if such holder desires to transfer the Rights Certificate.)

FOR VALUE RECEIVED \_\_\_\_\_ hereby sells, assigns and transfers unto \_\_\_\_\_

(Please print name and address of transferee)

(Please spell out and include in numerals the number of Rights being transferred by this Agreement)

of the Rights evidenced by this Rights Certificate, together with all right, title and interest therein, and does hereby irrevocably constitute and appoint \_\_\_\_\_ Attorney, to transfer the number of Rights indicated on the books of the within named Company, with full power of substitution.

Dated as of: \_\_\_\_\_, 20\_\_

SIGNATURE

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Medallion Signature Guaranteed:

Signatures must be guaranteed by an eligible guarantor institution (a bank, stockbroker, savings and loan association or credit union with membership in an approved signature guarantee medallion program), at a guarantee level reasonably satisfactory to the Rights Agent. A notary public is not sufficient guarantee of a signature.

CERTIFICATE

The undersigned hereby certifies by checking the appropriate boxes that:

(1) the Rights evidenced by this Rights Certificate [ ] are [ ] are not being sold, assigned and transferred by or on behalf of a Person who is or was an Acquiring Person or a Related Person of any such Acquiring Person (as such terms are defined in the Rights Agreement); and

(2) after due inquiry and to the best knowledge of the undersigned, he, she or it [ ] did [ ] did not acquire the Rights evidenced by this Rights Certificate from any Person who is, was or subsequently became an Acquiring Person or a Related Person of an Acquiring Person.

Dated as of: \_\_\_\_\_, 2021

SIGNATURE

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Medallion Signature Guaranteed:

Signatures must be guaranteed by an eligible guarantor institution (a bank, stockbroker, savings and loan association or credit union with membership in an approved signature guarantee medallion program), at a guarantee level reasonably satisfactory to the Rights Agent. A notary public is not sufficient guarantee of a signature.

NOTICE

The signature to the foregoing Assignment and Certificate must correspond to the name as written upon the face of this Rights Certificate in every particular, without alteration or enlargement or any change whatsoever.



FORM OF ELECTION TO PURCHASE

(To be executed by the registered holder if such holder desires to exercise any or all Rights evidenced by the Rights Certificate.)

To: ADMA BIOLOGICS, INC.

The undersigned hereby irrevocably elects to exercise \_\_\_\_\_ (\_\_\_\_\_) Rights evidenced by this Rights Certificate to purchase the Preferred Shares issuable upon the exercise of the Rights (or such other securities of the Company or of any other person which may be issuable upon the exercise of the Rights) and requests that certificates for such shares be issued in the name of and delivered to or that such shares be credited to the book entry account of:

(Please print name, address and social security, tax identification or other identifying number.)

If such number of Rights shall not be all the Rights evidenced by this Rights Certificate, a new Rights Certificate for the balance of such Rights shall be registered in the name of and delivered to:

(Please print name, address and social security, tax identification or other identifying number.)

Dated: \_\_\_\_\_, \_\_\_\_

SIGNATURE

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Medallion Signature Guaranteed:

Signatures must be guaranteed by an eligible guarantor institution (a bank, stockbroker, savings and loan association or credit union with membership in an approved signature guarantee medallion program), at a guarantee level reasonably satisfactory to the Rights Agent. A notary public is not sufficient guarantee of a signature.

CERTIFICATE

The undersigned hereby certifies by checking the appropriate boxes that:

(1) the Rights evidenced by this Rights Certificate [ ] are [ ] are not being exercised by or on behalf of a Person who is or was an Acquiring Person or a Related Person of any such Acquiring Person (as such terms are defined pursuant to the Rights Agreement); and

(2) after due inquiry and to the best knowledge of the undersigned, he, she or it [ ] did [ ] did not acquire the Rights evidenced by this Rights Certificate from any Person who is, was or became an Acquiring Person or a Related Person of an Acquiring Person.

Dated: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Medallion Signature Guaranteed:

Signatures must be guaranteed by an eligible guarantor institution (a bank, stockbroker, savings and loan association or credit union with membership in an approved signature guarantee medallion program), at a guarantee level reasonably satisfactory to the Rights Agent. A notary public is not sufficient guarantee of a signature.

NOTICE

The signature to the foregoing Election to Purchase and Certificate must correspond to the name as written upon the face of this Rights Certificate in every particular, without alteration or enlargement or any change whatsoever.

ADMA BIOLOGICS, INC.

SUMMARY OF RIGHTS  
TO PURCHASE PREFERRED STOCK

On December 20, 2021, the Board of Directors (the “**Board**”) of ADMA Biologics, Inc., a Delaware corporation (the “**Company**”), declared a dividend distribution of one preferred share purchase right (each, a “**Right**”) for each outstanding share of common stock, par value \$0.0001 per share, of the Company (the “**Common Shares**”). The dividend was payable to holders of record as of the close of business on December 30, 2021 (the “**Record Date**”) and with respect to Common Shares issued thereafter until the Distribution Date (as defined below) and, in certain circumstances, with respect to Common Shares issued after the Distribution Date.

The following is a summary description of the Rights. This summary is intended to provide a general description only and is subject to the detailed terms and conditions of the Rights Agreement, dated as of December 20, 2021 (the “**Rights Agreement**”), by and between the Company and Continental Stock Transfer and Trust Company, as rights agent (the “**Rights Agent**”).

1. **Issuance of Rights**

Each holder of Common Shares as of the Record Date will receive a dividend of one Right per Common Share. One Right will also be issued together with each Common Share issued by the Company after the Record Date and prior to the Distribution Date (as defined in Section 2 below), and in certain circumstances, after the Distribution Date. New certificates (or, if uncertificated, the book entry account that evidences record ownership of such shares) for Common Shares issued after the Record Date will contain a notation incorporating the Rights Agreement by reference.

Until the Distribution Date:

- the Rights will not be exercisable;
- the Rights will be evidenced by the certificates for Common Shares (or, if uncertificated, by the book entry account that evidences record ownership of such shares) and not by separate rights certificates; and
- the Rights will be transferable by, and only in connection with, the transfer of Common Shares.

## 2. **Distribution Date; Exercise of Rights; Beneficial Ownership**

The Rights are not exercisable until the Distribution Date. As of and after the Distribution Date, the Rights will separate from the Common Shares and each Right will become exercisable to purchase from the Company one one-thousandth of a share of Series A Junior Participating Preferred Stock, par value \$0.0001 per share, of the Company (each whole share, a “**Preferred Share**”) at a purchase price of \$8.00 per one one-thousandth of a Preferred Share (such purchase price, as may be adjusted from time to time, the “**Purchase Price**”). This portion of a Preferred Share would give the holder thereof approximately the same dividend, voting, and liquidation rights as would one Common Share.

The “**Distribution Date**” is the earlier of:

- the close of business on the tenth (10th) business day (or such later date as may be determined from time to time by action of a majority of the Board prior to the Distribution Date that would otherwise have occurred) following the first date of public announcement that any person, together with such person’s Related Persons (as defined below) (other than the Company or certain related entities), has become the beneficial owner of ten percent (10%) or more of the then outstanding Common Shares (other than as a result of repurchases of Common Shares by the Company, certain stock option or restricted stock grants by the Company or the exercise or conversion thereof, certain inadvertent acquisitions or purchases of Common Shares directly from the Company) (such person, an “**Acquiring Person**”) or that discloses information which reveals the existence of an Acquiring Person; provided, however, that stockholders who beneficially own ten percent (10%) or more of the outstanding Common Shares as of the time immediately prior to the first public announcement by the Company of the adoption of the Rights Agreement (including any Common Shares beneficial ownership of which is acquired on the date of such announcement pursuant to orders placed prior to such announcement), will not be considered an Acquiring Person unless and until such stockholder or any of its Related Persons acquires, without the prior approval of the Board, beneficial ownership of any additional Common Shares, subject to certain exceptions (such date being the “**Shares Acquisition Date**”); and
- the close of business on the tenth (10th) business day (or such later date as a majority of the Board shall determine prior to the Distribution Date that would otherwise have occurred) after the date of the commencement of, or first public announcement of the intent of any person (other than the Company or certain related entities) to commence (within the meaning of Rule 14d-2(a) of the General Rules and Regulations under the U.S. Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), a tender or exchange offer that, if successfully completed, would result in such person becoming an Acquiring Person; provided, however, that if a tender or exchange offer is terminated prior to the occurrence of a Distribution Date, then no Distribution Date shall occur as a result of such tender or exchange offer.

A person will be deemed to “**beneficially own**” any Common Shares if such person or any Related Person:

- is considered a “beneficial owner” of the Common Shares under Rule 13d-3 of the General Rules and Regulations under the Exchange Act;

- has the right to acquire the Common Shares, either immediately or in the future, pursuant to any agreement, arrangement, or understanding (other than a customary underwriting agreement relating to a bona fide public offering of the Common Shares) or upon the exercise of conversion rights, exchange rights, rights, warrants or options, or otherwise, except that a person will not be deemed to be a beneficial owner of (a) Common Shares tendered pursuant to a tender offer or exchange offer by or on behalf of such person or any affiliated or associated persons of such person until the tendered Common Shares are accepted for purchase or exchange, (b) securities issuable upon exercise of a Right before the occurrence of a Triggering Event (as defined in Section 5 below), or (c) securities issuable upon exercise of a Right after the occurrence of a Triggering Event if the Rights are originally issued Rights or were issued in connection with an adjustment to originally issued Rights;
- has the right to vote or dispose of the Common Shares pursuant to any agreement, arrangement, or understanding (other than a right to vote arising from the granting of a revocable proxy or consent); or
- has an agreement, arrangement, or understanding with another person who beneficially owns Common Shares and the agreement, arrangement, or understanding is for the purpose of acquiring, holding, voting, or disposing of any securities of the Company (other than customary underwriting agreements relating to a bona fide public offering of Common Shares or a right to vote arising from the granting of a revocable proxy or consent).

For purposes of the Rights Agreement, a “**Related Person**” means, as to any person, any Affiliates or Associates of such person. For purposes of the Rights Agreement, “Affiliate” and “Associate” have the respective meanings ascribed to such terms in Rule 12b-2 of the General Rules and Regulations under the Exchange Act.

Certain synthetic interests in securities created by derivative positions — whether or not such interests are considered to be ownership of the underlying Common Shares or are reportable for purposes of Regulation 13D of the Securities Exchange Act — are treated as beneficial ownership of the number of Common Shares specified in the documentation evidencing the derivative position as being subject to being acquired upon the exercise or settlement of the derivative position or as the basis upon which the value or settlement amount of such derivative position is to be calculated in whole or in part.

### 3. **Issuance of Rights Certificates**

As soon as practicable after the Distribution Date, the Rights Agent will mail rights certificates to holders of record of the Common Shares as of the close of business on the Distribution Date and, thereafter, the separate rights certificates alone will evidence the Rights.

#### 4. **Expiration of Rights**

The Rights will expire on the earliest of (a) 5:00 p.m., New York City time, on June 15, 2022, (b) the time at which the Rights are redeemed (as described in Section 6 below), and (c) the time at which the Rights are exchanged in full (as described in Section 7 below).

#### 5. **Change of Exercise of Rights Following Certain Events**

The following described events are referred to as **“Triggering Events.”**

( a ) **“Flip-In” Event.** In the event that a person becomes an Acquiring Person, each holder of a Right will thereafter have the right to receive, upon exercise, Common Shares (or, in certain circumstances, other securities, cash, or other assets of the Company) having a value equal to two times the Purchase Price. Notwithstanding the foregoing, following the occurrence of a person becoming an Acquiring Person, all Rights that are, or (under certain circumstances specified in the Rights Agreement) were, beneficially owned by any Acquiring Person (or by certain related parties) will be null and void. However, Rights are not exercisable following the occurrence of a person becoming an Acquiring Person until such time as the Rights are no longer redeemable by the Company as set forth in Section 6 below.

(b) **“Flip-Over” Events.** In the event that, at any time after a person has become an Acquiring Person, (i) the Company engages in a merger or other business combination transaction in which the Company is not the continuing or surviving corporation or other entity, (ii) the Company engages in a merger or other business combination transaction in which the Company is the continuing or surviving corporation and the Common Shares of the Company are changed or exchanged, or (iii) fifty percent (50%) or more of the Company’s assets or earning power is sold or transferred, each holder of a Right (except Rights that have previously become null and void as set forth above) shall thereafter have the right to receive, upon exercise, common shares of the acquiring company having a value equal to two times the Purchase Price.

#### 6. **Redemption**

At any time until ten (10) business days following the Shares Acquisition Date (as defined in Section 2 above), the Board may direct the Company to redeem the Rights in whole, but not in part, at a price of \$0.001 per Right (payable in cash, Common Shares, or other consideration deemed appropriate by the Board). Immediately upon the action of the Board directing the Company to redeem the Rights, the Rights will terminate and the only right of the holders of Rights will be to receive the \$0.001 redemption price.

**7. Exchange of Rights**

At any time after a person (other than certain exempted or grandfathered persons) becomes an Acquiring Person, but before such person acquires beneficial ownership of fifty percent (50%) or more of the outstanding Common Shares, the Board may direct the Company to exchange the Rights (other than Rights owned by such person or certain related parties, which will have become null and void), in whole or in part, at an exchange ratio of one Common Share per Right (subject to adjustment). The Company may substitute Preferred Shares (or shares of a class or series of the Company's preferred stock having equivalent rights, preferences, and privileges) for Common Shares at an initial rate of one one-thousandth of a Preferred Share (or of a share of a class or series of the Company's preferred stock having equivalent rights, preferences, and privileges) per Common Share. Immediately upon the action of the Board directing the Company to exchange the Rights, the Rights will terminate and the only right of the holders of Rights will be to receive the number of Common Shares (or one one-thousandth of a Preferred Share or of a share of a class or series of the Company's preferred stock having equivalent rights, preferences, and privileges) equal to the number of Rights held by such holder multiplied by the exchange ratio.

**8. Adjustments to Prevent Dilution; Fractional Shares**

The Board may adjust the Purchase Price, the number of Preferred Shares or other securities or assets issuable upon exercise of a Right, and the number of Rights outstanding to prevent dilution that may occur (a) in the event of a stock dividend on, or a subdivision, combination, or reclassification of, the Preferred Shares, (b) in the event of a stock dividend on, or a subdivision or combination of, the Common Shares, (c) if holders of the Preferred Shares are granted certain rights, options, or warrants to subscribe for Preferred Shares or convertible securities at less than the current market price of the Preferred Shares, or (d) upon the distribution to holders of the Preferred Shares of evidences of indebtedness or assets (excluding regular periodic cash dividends) or of subscription rights or warrants (other than those referred to above).

With certain exceptions, no adjustment in the Purchase Price will be required until cumulative adjustments amount to at least one percent (1%) of the Purchase Price. No fractional Preferred Shares will be issued (other than fractions that are integral multiples of one one-thousandth of a Preferred Share), and in lieu thereof, an adjustment in cash may be made based on the market price of the Preferred Shares on the last trading date prior to the date of exercise.

**9. No Stockholder Rights Prior to Exercise; Tax Considerations**

Until a Right is exercised, the holder thereof, as such, will have no rights as a stockholder of the Company, including, without limitation, the right to vote or to receive dividends. While the distribution of the Rights should not be taxable to stockholders or to the Company, stockholders may, depending upon the circumstances then existing, recognize taxable income in the event that the Rights become exercisable for Common Shares (or other consideration) of the Company or for common shares of the acquiring company or in the event of the redemption of the Rights as set forth in Section 6 above.



**10. Amendment of the Rights Agreement**

The Company (by action of the Board) may supplement or amend any provision of the Rights Agreement in order to (a) cure any ambiguity, (b) correct or supplement any provision contained in the Rights Agreement that may be defective or inconsistent with other provisions of the Rights Agreement, (c) shorten or lengthen any time period under the Rights Agreement, or (d) make any other provisions with respect to the Rights that the Company deems necessary or desirable; provided, however, that no supplement or amendment made after the time any person becomes an Acquiring Person may adversely affect the interests of the registered holders of rights certificates (other than an Acquiring Person or any affiliates or associates of an Acquiring Person). Without limiting the foregoing, the Company may at any time before any person becomes an Acquiring Person amend the Rights Agreement to make the provisions of the Rights Agreement inapplicable to a particular transaction by which a person might otherwise become an Acquiring Person or to otherwise alter the terms and conditions of the Rights Agreement as they may apply with respect to any such provision.

**11. Availability of Rights Agreement**

The Company intends to file, on December 21, 2021, a copy of the Rights Agreement with the Securities and Exchange Commission as an exhibit to a Current Report on Form 8-K. In addition, a copy of the Rights Agreement will be available free of charge from the Company. This summary description of the Rights does not purport to be complete and is qualified in its entirety by reference to the complete text of the Rights Agreement, which is incorporated by reference in this summary description.

**ADMA Biologics Adopts  
Limited Duration Stockholder Rights Plan**

**RAMSEY, N.J. and BOCA RATON, Fla., December 21, 2021** – ADMA Biologics, Inc. (Nasdaq: ADMA), an end-to-end commercial biopharmaceutical company dedicated to manufacturing, marketing and developing specialty plasma-derived biologics, today announced that its Board of Directors has approved the adoption of a 6-month term stockholder rights plan (the “Rights Plan”) and declared a dividend distribution of one right (the “Right”) for each outstanding share of common stock. The record date for the dividend distribution is December 30, 2021. The Rights Plan will expire, without any further action required to be taken by ADMA’s Board of Directors, on June 15, 2022.

ADMA is in the process of evaluating a variety of strategic and financial alternatives and this assessment is occurring alongside the previously announced and ongoing Morgan Stanley-led strategic process review. The adoption of the Rights Plan is intended to help facilitate this review in order to protect both ADMA and its stockholders from the actions of third parties that ADMA’s Board of Directors determines to be not in the best interests of ADMA and its stockholders, and to enable all stockholders to realize the full potential value of their investment in ADMA.

The Rights Plan provides the Board of Directors with time to make informed decisions that are in the best long-term interests of ADMA and its stockholders and does not prevent ADMA’s Board of Directors from considering any offer to acquire ADMA that it considers to be in the best interest of ADMA’s stockholders. The limited duration, 6-month term Rights Plan was not adopted in response to any specific takeover proposal, any current accumulation of shares, or any currently threatened or pending effort to acquire control of ADMA of which the Board of Directors is aware.

The Rights Plan is similar to the stockholder rights plan previously adopted by ADMA (which expired on December 15, 2021) and adopted by other publicly traded companies. Under the Rights Plan, the Right associated with each outstanding share of common stock would become exercisable only if a person or group acquires beneficial ownership of 10% or more of ADMA’s common stock in a transaction or series of transactions not approved by ADMA’s Board of Directors. In that potential situation, each holder of a Right (other than the acquiring person or group, whose rights will become void and will not be exercisable) will have the right to purchase, upon payment of the exercise price and in accordance with the terms of the Rights Plan, a number of shares of ADMA’s common stock having a market value of twice such price. In addition, if ADMA is acquired in a merger or other business combination after an acquiring person acquires 10% or more of ADMA’s common stock, each Right holder would thereafter have the right to purchase, upon payment of the exercise price and in accordance with the terms of the Rights Plan, a number of shares of common stock of the acquiring person having a market value of twice such price. The acquiring person or group would not be entitled to exercise these Rights. In the Rights Plan, the definition of “beneficial ownership” includes derivative securities.

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Stockholders who beneficially owned 10% or more of ADMA's outstanding common stock prior to the first public announcement by ADMA of the adoption of this Rights Plan will not trigger the Rights Plan so long as they do not acquire beneficial ownership of any additional shares of common stock at a time when they still beneficially own 10% or more of such common stock, subject to certain exceptions as set forth in the Rights Plan.

Further details of the Rights Plan will be contained in a Current Report on Form 8-K and in a Registration Statement on Form 8-A that ADMA will be filing with the Securities and Exchange Commission (SEC). These filings will be available on the SEC's web site at [www.sec.gov](http://www.sec.gov). Copies will also be available at no charge on the Investors section of ADMA's corporate website at [www.admabiologics.com](http://www.admabiologics.com).

Morgan Stanley acted as financial advisor to ADMA in connection with the adoption of the Rights Plan. Morgan, Lewis & Bockius LLP is serving as legal advisor to ADMA.

#### **About ADMA Biologics, Inc.**

ADMA Biologics is an end-to-end American commercial biopharmaceutical company dedicated to manufacturing, marketing and developing specialty plasma-derived biologics for the treatment of immunodeficient patients at risk for infection and others at risk for certain infectious diseases. ADMA currently manufactures and markets three United States Food and Drug Administration (FDA)-approved plasma-derived biologics for the treatment of immune deficiencies and the prevention of certain infectious diseases: BIVIGAM® (immune globulin intravenous, human) for the treatment of primary humoral immunodeficiency (PI); ASCENIV™ (immune globulin intravenous, human – slra 10% liquid) for the treatment of PI; and NABI-HB® (hepatitis B immune globulin, human) to provide enhanced immunity against the hepatitis B virus. ADMA manufactures its immune globulin products at its FDA-licensed plasma fractionation and purification facility located in Boca Raton, Florida. Through its ADMA BioCenters subsidiary, ADMA also operates as an FDA-approved source plasma collector in the U.S., which provides a portion of its blood plasma for the manufacture of its products. ADMA's mission is to manufacture, market and develop specialty plasma-derived, human immune globulins targeted to niche patient populations for the treatment and prevention of certain infectious diseases and management of immune compromised patient populations who suffer from an underlying immune deficiency, or who may be immune compromised for other medical reasons. ADMA has received U.S. Patents: 9,107,906, 9,714,283, 9,815,886, 9,969,793 and 10,259,865 and European Patent No. 3375789 related to certain aspects of its products and product candidates. For more information, please visit [www.admabiologics.com](http://www.admabiologics.com).

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## **Forward-Looking Statements**

Any statements contained in this press release that do not describe historical facts may constitute forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, including statements regarding the anticipated benefits and expected consequences of the rights plan that ADMA has adopted. Such statements are identified by use of the words “anticipates,” “believes,” “estimates,” “expects,” “intends,” “plans,” “predicts,” “projects,” “should,” and similar expressions. Any forward-looking statements contained herein are based on current expectations, but are subject to risks and uncertainties that could cause actual results to differ materially from those indicated, including, but not limited to, the effectiveness of the rights plan in providing the Board of Directors with time to make informed decisions that are in the best long-term interests of ADMA and its stockholders, to facilitate ADMA's ongoing evaluation of a variety of strategic and financial alternatives and to protect ADMA and its stockholders, and other risk factors discussed from time to time in our filings with the SEC, including those factors discussed under the caption “Risk Factors” in our most recent annual report on Form 10-K, filed with the SEC on March 25, 2021, and in subsequent reports filed with or furnished to the SEC. ADMA assumes no obligation and does not intend to update these forward-looking statements, except as required by law, to reflect events or circumstances occurring after today's date.

### **COMPANY CONTACT:**

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### **INVESTOR RELATIONS CONTACT:**

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